SERVICE MANUAL

JumboTron

MODEL	DEST.
JTC-P200	World
JTA-SB200	World

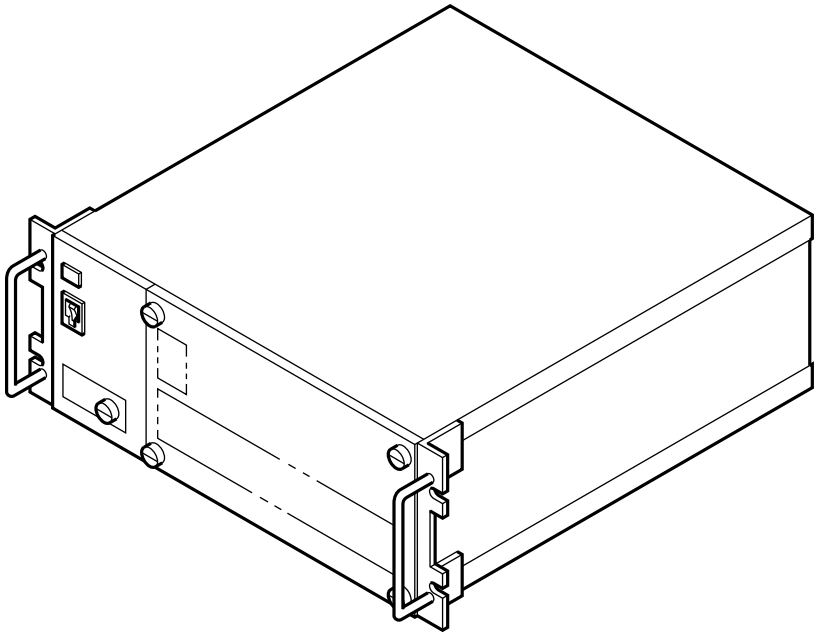

IMAGE CONTROL UNIT

SONY

⚠ WARNING

This manual is intended for qualified service personnel only.
To reduce the risk of electric shock, fire or injuly, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

WARNING!!

AN INSULATED TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF THE LIVE CHASSIS.
THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY A ⚠ MARK ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION!!

AFIN D'EVITER TOUT RISQUE D'ÉLECTROCUTION PROVENANT D'UN CHÂSSIS SOUS TENSION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ETRE UTILISÉ LORS DE TOUT DÉPANNAGE.
LE CHÂSSIS DE CE RÉCEPTEUR EST DIRECTEMENT RACCORDÉ Á L'ALIMENTATION SECTEUR.

ATTENTION AUX COMPOSANTS RELATIFS ÁLA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLOSÉES ET LES LISTES DE PIECES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÉCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

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JTC-P200/JTA-SB200

SONY

3-864-752-**11 (1)**

JumboTron Image Control System

Operation Guide
Before operting the unit, please read this guide thoroughly and retain it for future reference.

JumboTron

JTC-P200 Image Control Unit
JTA-LS200 ABC Sensor Unit

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Sony Corporation Printed in Japan

SECTION 1
OPERATING INSTRUCTIONS

This section is extracted from operation guide.

This section is extracted from operation manual of the JTC-C200.

Owner's Record

The model and serial numbers are located on the rear. Record these numbers in the spaces provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. _____ Serial No. _____

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

For the customers in the U.S.A.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.
This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

For JTC-P200

Attention – when the product is installed in a rack:

- **Elevated operating ambient temperature**
  If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient.
  Therefore, consideration should be given to installing the equipment in an environment compatible with the manufacturer's maximum rated ambient temperature of 0 to 45°C (Tmra).
- **Reduced air flow**
  Installation of the equipment in a rack should be such that the amount of air flow required for safe operation of the equipment is not compromised.
- **Mechanical loading**
  Mounting of the equipment in the rack should be such that a hazardous condition is not achieved due to uneven mechanical loading.
- **Circuit overloading**
  Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of circuits might have on overcurrent protection and supply wiring.
  Appropriate consideration of equipment nameplate ratings should be used when addressing this concern.
- **Reliable earthing**
  Reliable earthing of rack-mounted equipment should be maintained. Particular attention should be given to supply connections other than direct connections to the branch circuit (e.g., use of power strips).

Overview

JTC-P200 ICU

The ICU (Image Control Unit) is the main unit for controlling the images on the JumboTron screen. Connect the image sources to the ICU, and control with the JTC-C200 ICU controller and JME-SA200 screen alignment controller.
For details, refer to the Operation Manual of the JTC -C200 ICU controller.

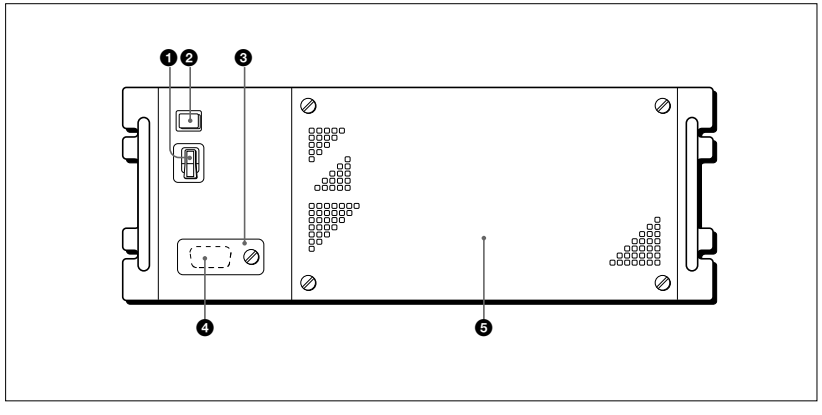
JTA-LS200 ABC Sensor Unit

The ABC (Automatic Brightness Control) sensor unit is used for the automatic adjustment of the brightness of the screen. Connect the ABC sensor unit to the JTC-P200 ICU to detect the ambient light.
For details, refer to the Operation Manual of the JTC-C200 ICU controller.

Locations and Functions of Parts and Controls

JTC-P200 ICU (Image Control Unit)

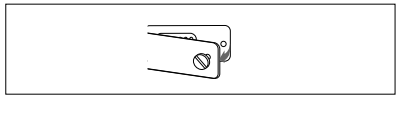
Front panel



1 POWER switch
Turns the ICU on/off.

2 Power lamp
Lights when the ICU is turned on.

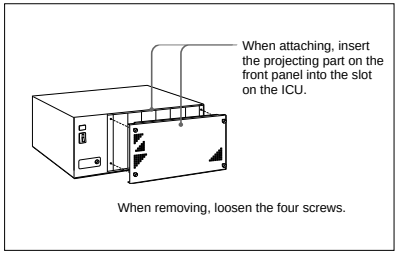
3 Connector panel
The CONTROL 4 connector is inside. When using the connector, open the connector panel by loosening the screw.



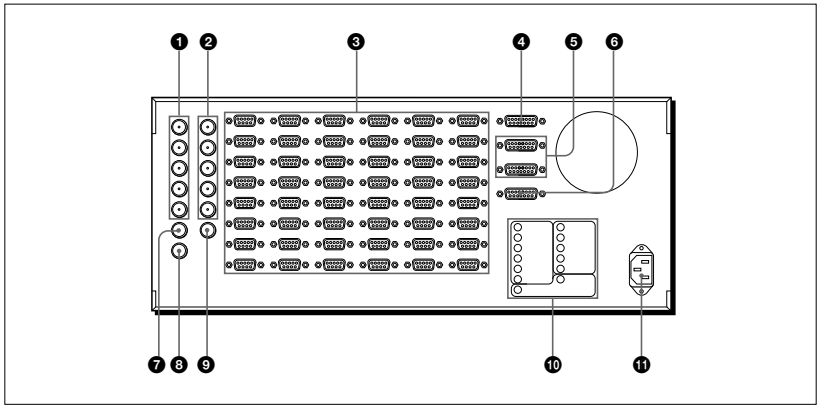
4 CONTROL 4 connector (D-sub 15-pin)
This is an RS-422 input port. Connect it to peripheral equipment such as the JTC-C200 ICU controller for maintenance.

5 Front cover
To remove the panel, loosen the four screws.

To remove/attach the front panel


When attaching, insert the projecting part on the front panel into the slot on the ICU.
When removing, loosen the four screws.

Rear panel



1 INPUT 1 (R/R-Y, G/Y, B/B-Y, HD/COMP, VD) connectors (BNC type)
Connect to the AV switcher to which video equipment, such as VCRs and video cameras are connected.

2 INPUT 2 (R, G, B, HD/COMP, VD) connectors (BNC type)
Connect to a computer.
If the computer has a H/V separate sync signal, connect it to the HD/COMP and VD connectors. If the computer has a composite sync signal, connect it to the HD/COMP connector only.

Note
When a computer with a sync signal on G-signal is connected and an external sync signal is input, the hue of the images may change. In this case, use the internal sync signal.

3 SIGNAL OUT connectors (High-density D-sub 15-pin)
Connect to the JumboTron display units using the JCC-L10/L20/L30 connecting cable (not supplied).

4 CONTROL 1/LS (sensor) connector (D-sub 15-pin)
Connect to the JTA-LS200 ABC sensor unit using the specified connecting cable (not supplied). The JTC-C200 ICU controller can also be connected to this connector.

5 CONTROL 2 and CONTROL 3 connectors (D-sub 15-pin)
Connect to the JTC-C200 ICU controller.

6 EXTERNAL CONTROL connector (D-sub 15-pin)
Connect to the power distribution panel of the system, etc.

7 VIDEO IN connector (BNC type)
This is a composite video input connector.

8 VIDEO OUT connector (BNC type)
This is a loop-through output for the VIDEO IN connector.

9 MONITOR OUT connector (BNC type)
Connect to the video input connector of the video monitor.

10 Input/output connector indications
Indicates the location of the input/output connectors at the right end of the rear panel.

11 AC IN connector
Connect to an AC power supply of 100 - 240 V AC. Use the supplied AC power cord which fits the AC outlet in your area.

Specifications

JTC-P200 ICU

General

Power requirements
AC 100 – 240 V, 50/60 Hz, 1.4 A
Power consumption
140 W (max.)
Dimensions 482 × 177 × 486 mm (w/h/d) (19 × 7 × 19 1/4 inches)
Mass Approx.15.8 kg (34 lb 13 oz)
Operating conditions
Temperature: 0°C to 45°C (32°F to 113°F)
Humidity: 30% to 70% (no condensation)
Signal cable length 100 m (328 feet) max.

Input/output

Input
INPUT-1 Composite video input: BNC connector (1), 1 Vp-p ± 2 dB, sync negative, 75 ohms terminated
Analog RGB/component inputs: BNC connector (5)
R/R-Y: 0.7 Vp-p ± 2 dB, positive, 75 ohms terminated
G/Y: 0.7 Vp-p ± 2 dB, positive, 75 ohms terminated
G with sync/Y: 1 Vp-p ± 2 dB, sync negative, 75 ohms terminated
B/B-Y: 0.7 Vp-p ± 2 dB, positive, 75 ohms terminated
HD/COMP:
Composite sync input:
1 – 3.5 Vp-p, sync positive/negative, 75 ohms terminated
Horizontal sync input:
1 – 3.5 Vp-p, sync positive/negative, 75 ohms terminated
VD:
Vertical sync input: 1 – 3.5 Vp-p, sync positive/negative, 75 ohms terminated

INPUT-2 Analog RGB inputs: BNC connector (5)
R: 0.7 Vp-p ± 2 dB, positive, 75 ohms, terminated
G: 0.7 Vp-p ± 2 dB, positive, 75 ohms terminated
G with sync: 1 Vp-p ± 2 dB, sync negative, 75 ohms terminated
B: 0.7 Vp-p ± 2 dB, positive, 75 ohms terminated
HD/COMP:
Composite sync input:
1 – 3.5 Vp-p, sync positive/negative, 75 ohms terminated
Horizontal sync input:
1 – 3.5 Vp-p, sync positive/negative, 75 ohms terminated
VD:
Vertical sync input: 1 – 3.5 Vp-p, sync positive/negative, 75 ohms terminated

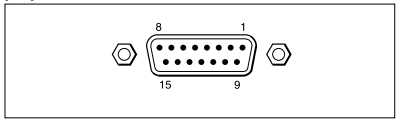
Output SIGNAL OUT: High-density D-sub 15-pin (48)
VIDEO OUT: BNC connector (1), 1 Vp-p ± 2 dB, sync negative, 75 ohms terminated
MONITOR OUT: BNC connector (1), 1 Vp-p ± 2 dB, sync negative, 75 ohms terminated
Control CONTROL 1/LS, CONTROL 2, CONTROL 3, CONTROL 4: D-sub 15-pin for RS-422 (4)
EXTERNAL CONTROL: D-sub 15-pin (1)

Supplied accessories

Rail mounting bracket (4)
AC power cord (3)
Operation Guide (1)

Pin assignment

EXTERNAL CONTROL connector (D-sub 15-pin)



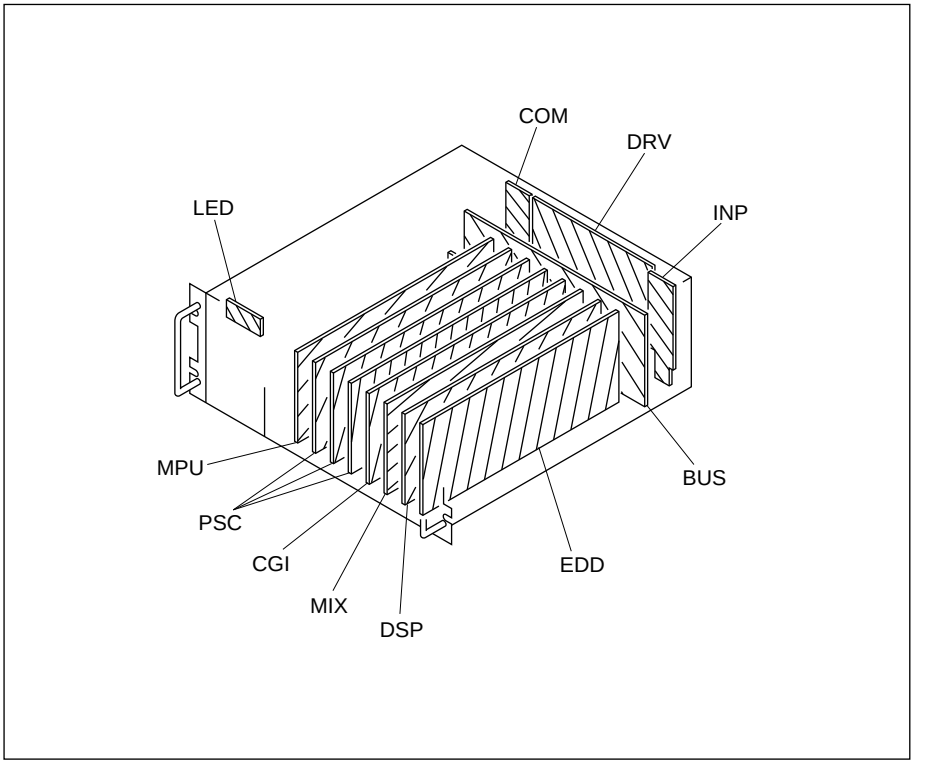
Pin No.	Signal	Pin No.	Signal
1	FRAME GROUND	9	JT POWER –
2	JT POWER +	10	UTILITY –
3	UTILITY +	11	Reserved 1 –
4	Reserved 1 +	12	Reserved 2 –
5	Reserved 2 +	13	Reserved 3 –
6	Reserved 3 +	14	Reserved 4 –
7	Reserved 4 +	15	Reserved 5 –
8	Reserved 5 +		

Design and specifications are subject to change without notice.

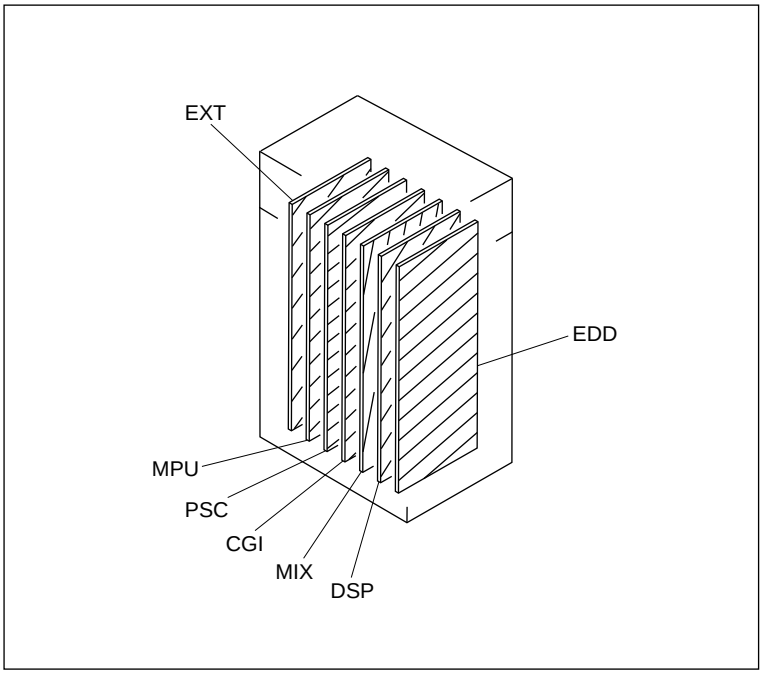
SECTION 2
SERVICE INFORMATIONS

2-1. CIRCUIT BOARDS LOCATION

2-1-1. JTC-P200



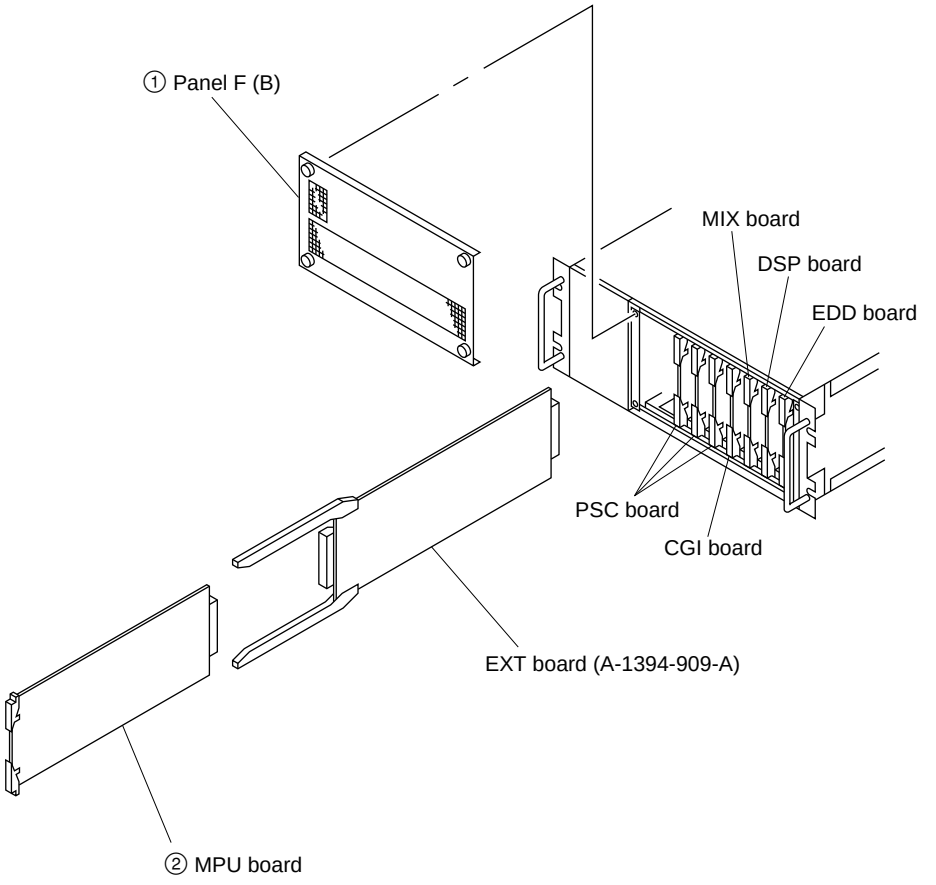
2-1-2. JTA-SB200



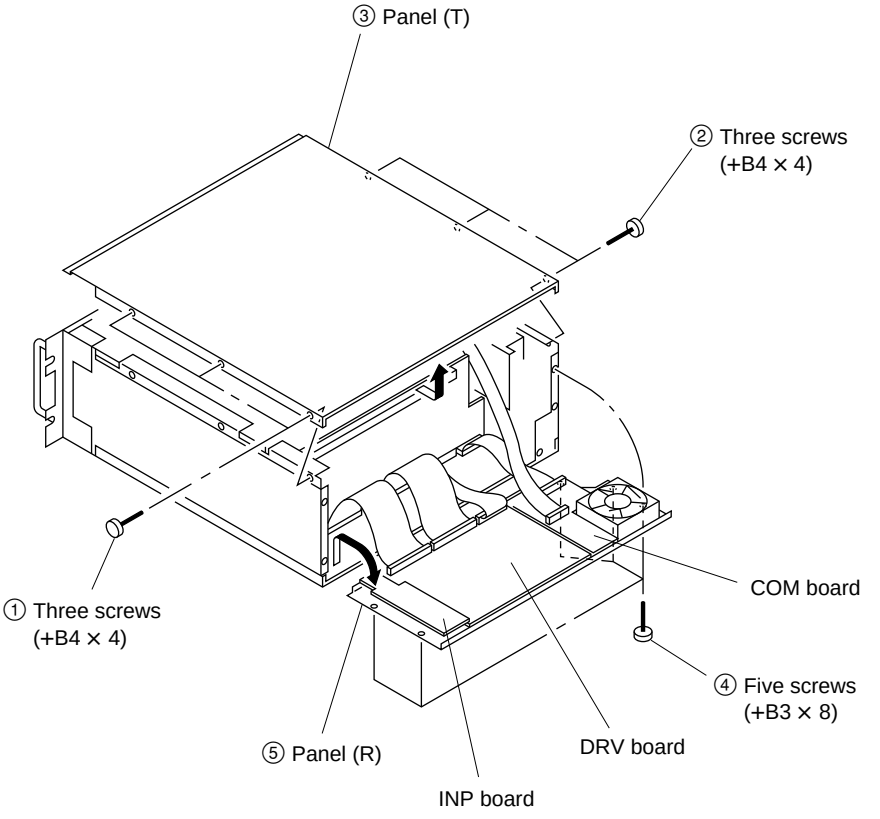
2-2. DISASSEMBLY

2-2-1. Main Board Removal and EXT Board Connection

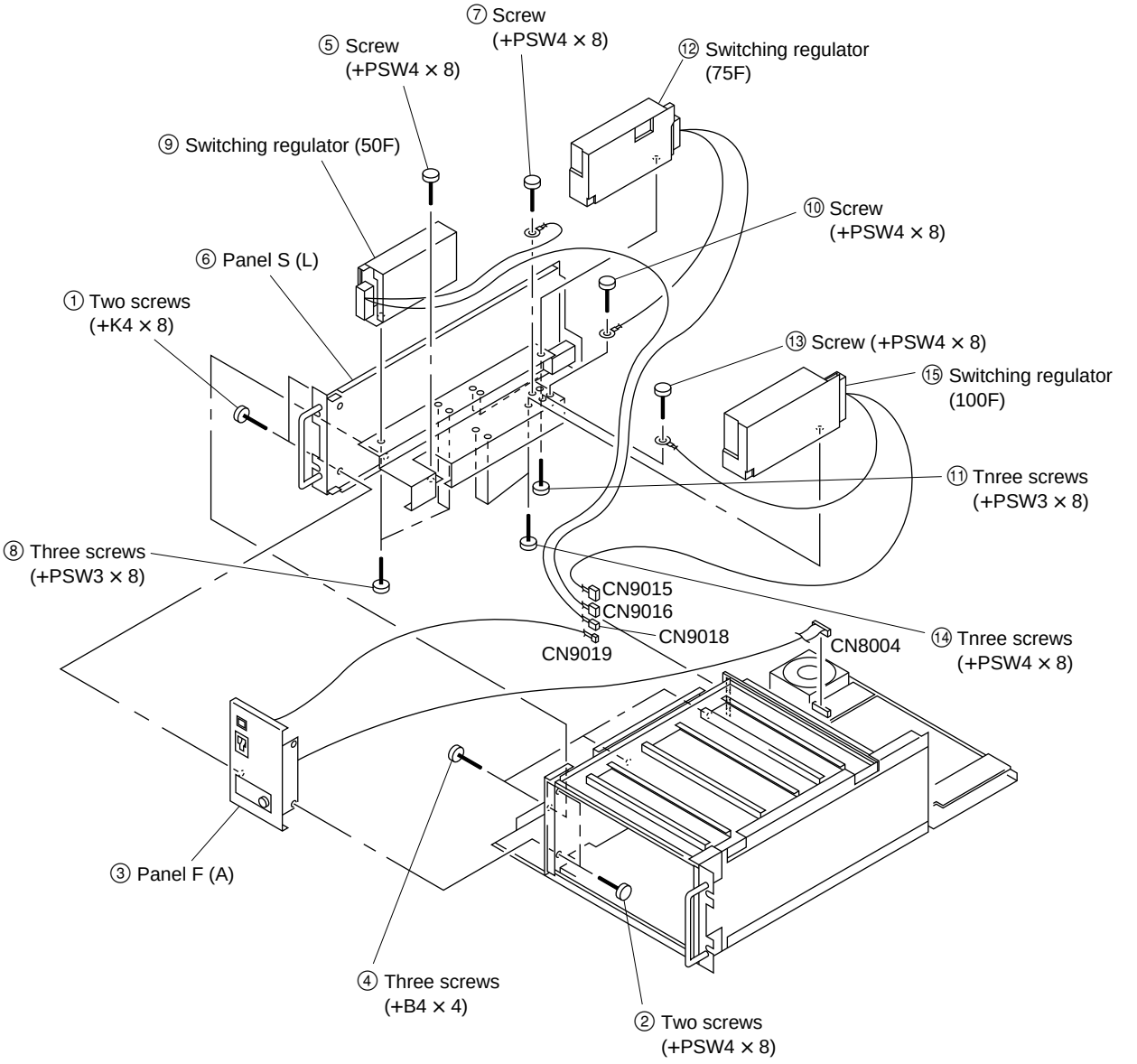
- You can connect PSC, CGI, MIX, DSP and EDD board as well.



2-2-2. Service Position



2-2-3. Switching Regulator Removal



SECTION 3
CIRCUIT ADJSUTMENTS

3-1. ADJUSTMENT OF EDD BOARD

3-1-1. Connection

1. Set the EDD board to be adjusted to the extension board (EXT board).
   EXT board (A-1394-909-A)

3-1-2. Input Adjustment

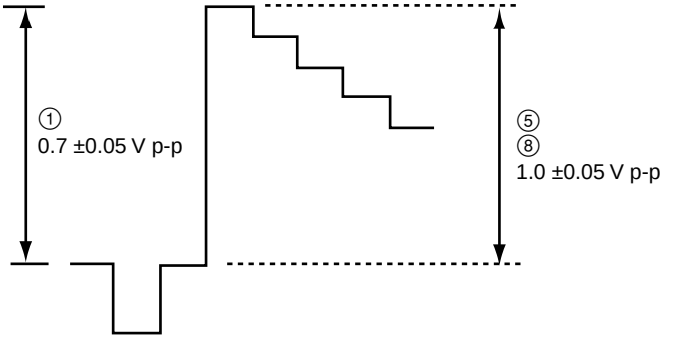
1. Enter signal to the BNC connector (VIDEO, R/G/B) on the rear panel of the set.

3-1-3. Adjustment of NTSC Signal Input

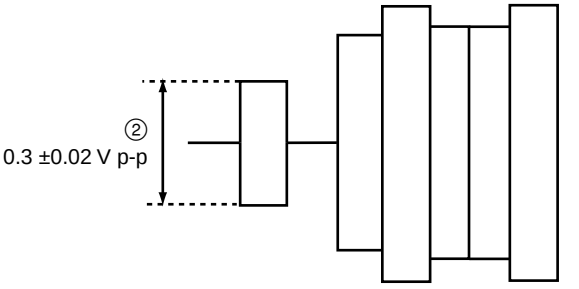
Using an oscilloscope, make the following adjustment. Use TP1856 (HD) for a trigger.

1. Enter NTSC 75 % color bar signal with the VIDEO signals.
   (LEADER 408NPS)
   • COLOR SYSTEM ..... NTSC
2. Using JTC-C200, select the COMPOSITE as input signals to the INPUT-1.
   (MENU → SWITCHER CTRL → ENTER → INPUT-1 → ENTER)
3. Y signal adjustment
   Connecting a probe of oscilloscope to the TP1231, adjust RV1101 so that the Y signal value becomes 0.7 ±0.05 V p-p. (TP1212 [GND]) ..... ①
4. C signal adjustment
   Connecting a probe of oscilloscope to the TP1229, adjust RV1102 so that the burst value becomes 0.3 ±0.02 V p-p. (TP1212 [GND]) ..... ②
5. R-Y signal adjustment
   Connecting a probe of oscilloscope to the TP1219, adjust RV1205 so that the R-Y signal value becomes 1.0 ±0.05 V p-p. (TP1212 [GND]) ..... ③
6. B-Y signal adjustment
   Connecting a probe of oscilloscope to the TP1220, adjust RV1206 so that the B-Y signal value becomes 1.3 ±0.05 V p-p. (TP1212 [GND]) ..... ④
7. Y signal adjustment
   Connecting a probe of oscilloscope to the TP1218, adjust RV1207 so that the Y signal value becomes 1.0 ±0.05 V p-p. (TP1212 [GND]) ..... ⑤

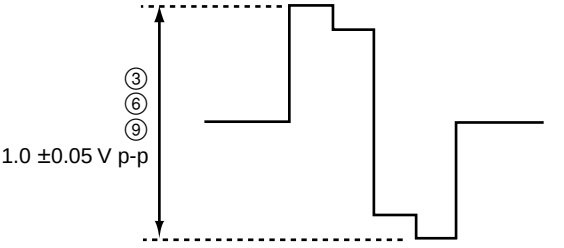
Y signal



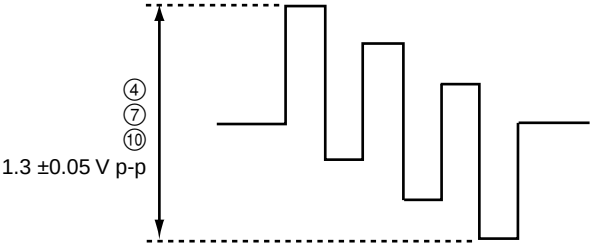
C signal



R-Y signal



B-Y signal



3-1-4. Adjustment of SECAM Signal Input

Using an oscilloscope, make the following adjustment. Use TP1856 (HD) for a trigger.

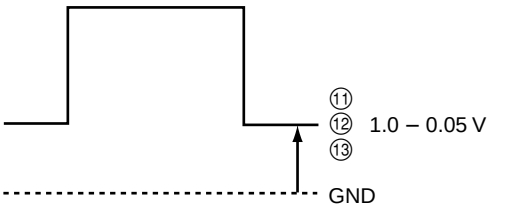
1. Enter SECAM 75 % color bar signal with the VIDEO signals.
   (LEADER 408NPS)
   • COLOR SYSTEM ..... SECAM
2. Using JTC-C200, select the COMPOSITE as input signals to the INPUT-1.
   (MENU → SWITCHER CTRL → ENTER → INPUT-1 → ENTER)
3. R-Y signal adjustment
   Connecting a probe of oscilloscope to the TP1219, adjust RV1203 so that the R-Y signal value becomes 1.0 ±0.05 V p-p. (TP1212 [GND]) ..... ⑥
4. B-Y signal adjustment
   Connecting a probe of oscilloscope to the TP1220, adjust RV1204 so that the B-Y signal value becomes 1.3 ±0.05 V p-p. (TP1212 [GND]) ..... ⑦

3-1-5. Adjustment of Y/R-Y/B-Y Signal Input.

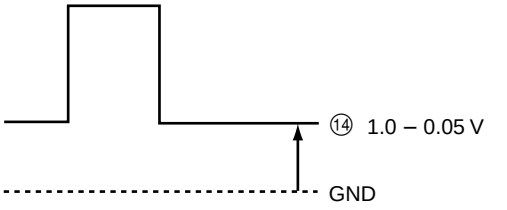
Using an oscilloscope, make the following adjustment. Use TP1856 (HD) for a trigger.

1. Enter 75 % color bar signal with the Y/R-Y/B-Y signals.
   (LEADER 408NPS)
   • COLOR SYSTEM ..... NTSC
2. Using JTC-C200, select the COMPOSITE as input signals to the INPUT-1.
   (MENU → SWITCHER CTRL → ENTER → INPUT-1 → ENTER)
3. Y signal adjustment
   Connecting a probe of oscilloscope to the TP1218, adjust RV1408 so that the Y signal value becomes 1.0 ± 0.05 V p-p. (TP1212 [GND]) ..... ⑧
4. R-Y signal adjustment
   Connecting a probe of oscilloscope to the TP1219, adjust RV1201 so that the R-Y signal value becomes 1.0 ±0.05 V p-p. (TP1212 [GND]) ..... ⑨
5. B-Y signal adjustment
   Connecting a probe of oscilloscope to the TP1220, adjust RV1202 so that the B-Y signal value becomes 1.3 ±0.05 V p-p. (TP1212 [GND]) ..... ⑩
6. Select the WINDOW as input signals.
   (LEADER 408NPS)
7. Adjustment of Green signal clamp level
   Adjust RV1405 so that the black level DC voltage at the TP1401 becomes 1.0 – 0.05 V.
   (TP1402 [GND]) ..... ⑪
8. Adjustment of Red signal clamp level
   Adjust RV1406 so that the black level DC voltage at the TP1404 becomes 1.0 – 0.05 V.
   (TP1405 [GND]) ..... ⑫
9. Adjustment of Blue signal clamp level
   Adjust RV1407 so that the black level DC voltage at the TP1407 becomes 1.0 – 0.05 V.
   (TP1408 [GND]) ..... ⑬

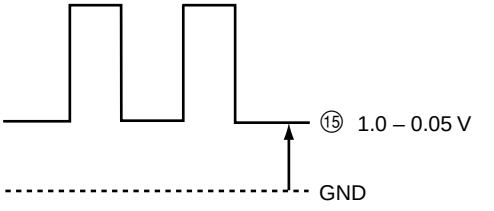
Green/Red/Blue signal



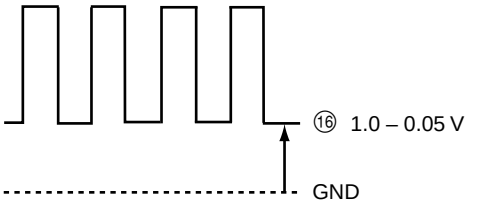
Green signal



Red signal



Blue signal



3-1-6. Adjustment of RGB Signal Input

Using an oscilloscope, make the following adjustment. Use TP1856 (HD) for a trigger.

1. Enter 100 % color bar signal with the R/G/B signals. (ASTRO VG812)
2. Using JTC-C200, select the RGB as input signals to the INPUT-1.
   (MENU → SWITCHER CTRL → ENTER → INPUT-1 → ENTER)
3. Adjustment of Green signal clamp level
   Adjust RV1400 so that the black level DC voltage at the TP1401 becomes 1.0 − 0.05 V.
   (TP1402 [GND]) ..... ⑭
4. Adjustment of Red signal clamp level
   Adjust RV1401 so that the black level DC voltage at the TP1404 becomes 1.0 − 0.05 V.
   (TP1405 [GND]) ..... ⑮
5. Adjustment of Blue signal clamp level
   Adjust RV1402 so that the black level DC voltage at the TP1407 becomes 1.0 − 0.05 V.
   (TP1408 [GND]) ..... ⑯

3-1-7. Adjustment of A/D Converter

Using a digital multimeter, make the following adjustment.

1. Top voltage adjustment
   Adjust RV1404 so that the DC voltage at the TP1411 becomes 3.0 − 0.05 V. (TP1412 [GND])
2. Bottom voltage adjustment
   Adjust RV1403 so that the DC voltage at the TP1409 becomes 1.0 − 0.05 V. (TP1410 [GND])

3-2. ADJUSTMENT OF CGI BOARD

3-2-1. Connection

1. Set the CGI board to be adjusted to the Extension board (EXT board).
   EXT board (A-1394-909-A)

3-2-2. Input Adjustment .

1. Change the mode of JTC-P200 to “CG”.
2. Enter VGA signal to the BNC connector (R, G, B, HD, VD) on the rear panel of the set. The signal must be 100 % flat (signal level 0.7 V p-p, except SYNC).
3. Connect a jumper to the pins 1-2 of CN4002 and 4003 respectively.
4. Turn on the SW4001.

3-2-3. Adjustment of Edge Detection Gain

1. Observing the TP4017 with a digital multimeter.adjust the RV4008 so that DC voltage becomes +0.3 ±0.009 V. Use TP4021 as GND.

3-2-4. Adjustment of A/D Converter Reference Voltage.

1. Observing the TP4018 with a digital multimeter.adjust the RV4009 so that DC voltage becomes −2.0 ±0.06 V. Use TP4021 as GND.

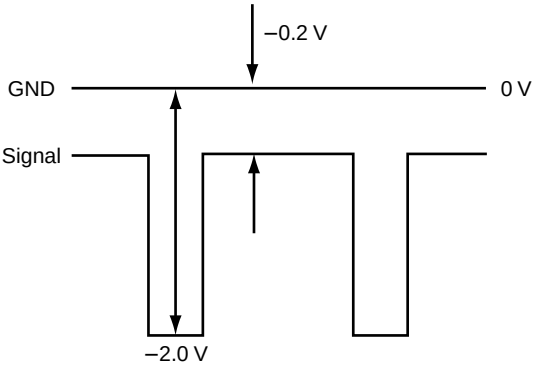
3-2-5. Black Level Adjustment.

1. Connect the CH1 of oscilloscope to the TP4006. Use CH1 for a trigger and observe the TP4013 on CH2. Use TP4021 and TP4019 as GND. Adjust the RV4005 so that the pedestal voltage becomes −2.0 ±0.06 V. In the same manner adjust RV4006 and RV4007 so as to attain −2.0 ±0.06 V at TP4014 and TP4015 respectively.

3-2-6. White Level Adjustment.

1. Connect the CH1 of oscilloscope to the TP4006. Use CH1 for a trigger and observe the TP4013 on CH2. Use TP4021 and TP4019 as GND. Adjust the RV4002 so that the pedestal voltage becomes −0.2 ±0.006 V. In the same manner. adjust RV4003 and RV4004 so as to attain −0.2 ±0.006 V at TP4014 and TP4015 respectively.

2. Turn off the SW4001.



3-3. ADJUSTMENT OF MIX BOARD

3-3-1. Connection

1. Set the MIX board to be adjusted to the Extension board (EXT board).
   EXT board (A-1394-909-A)

3-3-2. Subcarrier Adjustment.

1. Connect a frequency counter to the TP3001. Use E3003 as ground.

Note: For the input of frequency counter, use 10:1 oscilloscope probe, and increase the input impedance.

2. Enter NTSC signal to the BNC connector (VIDEO IN) on therear panel of the set.
3. Adjust CV3001 so that the oscillating frequency becomes 3,579,545 ±10 Hz.
4. Switch the signal to PAL signal.
5. Adjust CV3002 so that the oscillating frequency becomes 4,433,618 ±10 Hz.

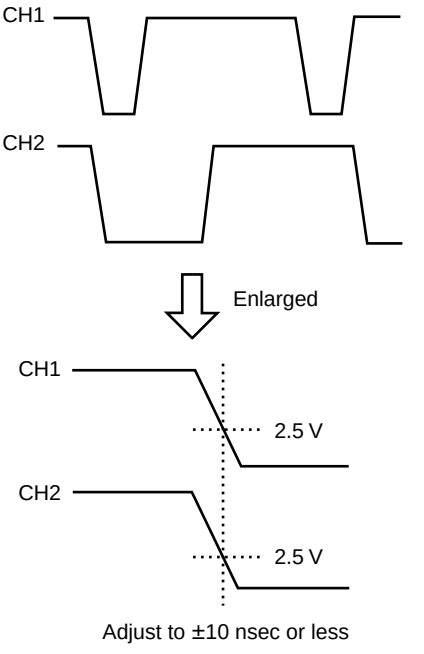
3-4. ADJUSTMENT OF MPU BOARD

3-4-1. Connection

1. Set the MPU board to be adjusted to the Extension board (EXT board).
   EXT board (A-1394-909-A)
2. Insert ROM (IC6010) into the IS6010.

3-4-2. PLL Adjustment.

1. Enter NTSC signal to the BNC connector (VIDEO IN) on therear panel of the set.
2. Connect the CH1 of oscilloscope to the TP6501, and CH2 to the TP6502 respectively. Use E6501 and E6502 as ground.
3. Adjust the coil T6501 so that a phase difference of trailing edges between CH1 and CH2 is ±10 nsec or less.
4. Connect the CH2 of oscilloscope to the TP6503. Adjust T6502 to attain the phases in the same manner as step 3.
5. Connect the CH2 of oscilloscope to the TP6504. Adjust T6503 to attain the phases in the same manner as step 3.



SECTION 4
CIRCUIT DESCRIPTIONS

4-1. DESCRIPTION OF EDD BOARD

The EDD Board can receive either composite signals (VIDEO), component signals (Y/R-Y/B-Y), or analog RGB signals.
When input signals are NTSC or PAL video signals, signals are entered to the CXD2044Q (IC1102), and separated into Y/C signals by the comb filter in adaptive fields. In both types, the output Y/C signals are converted into Y, R-Y, and B-Y signals by the decoder CXA2076Q (IC1210), then output as R/G/B signals. Also, the SECAM video signals are separated into two systems. In one system, the signals are converted into Y signal by the decoder (IC1210), and in another system, the signals are converted into R-Y and B-Y signals by the SECAM decoder TDA8395T (IC1206), then entered to the decoder (IC1210). In the decoder, the Y, R-Y, and B-Y signals are converted into R/G/B signals, then output. Upon input of component signals, the Y, R-Y, and B-Y signals are converted into R/G/B signals by the decoder (IC1210), then output. Upon input of analog RGB signals, they are entered to the A/D converter without passing through the decoder.

The R/G/B signals are entered to the A/D converter (IC1400, 1403, 1405), and converted into 10 bit digital data respectively. Then, they are subjected to the progressive conversion in the video processor TMC57105 (IC1505, 1510, 1515), then sent to the DSP Board as R/G/B 10 bit data respectively.

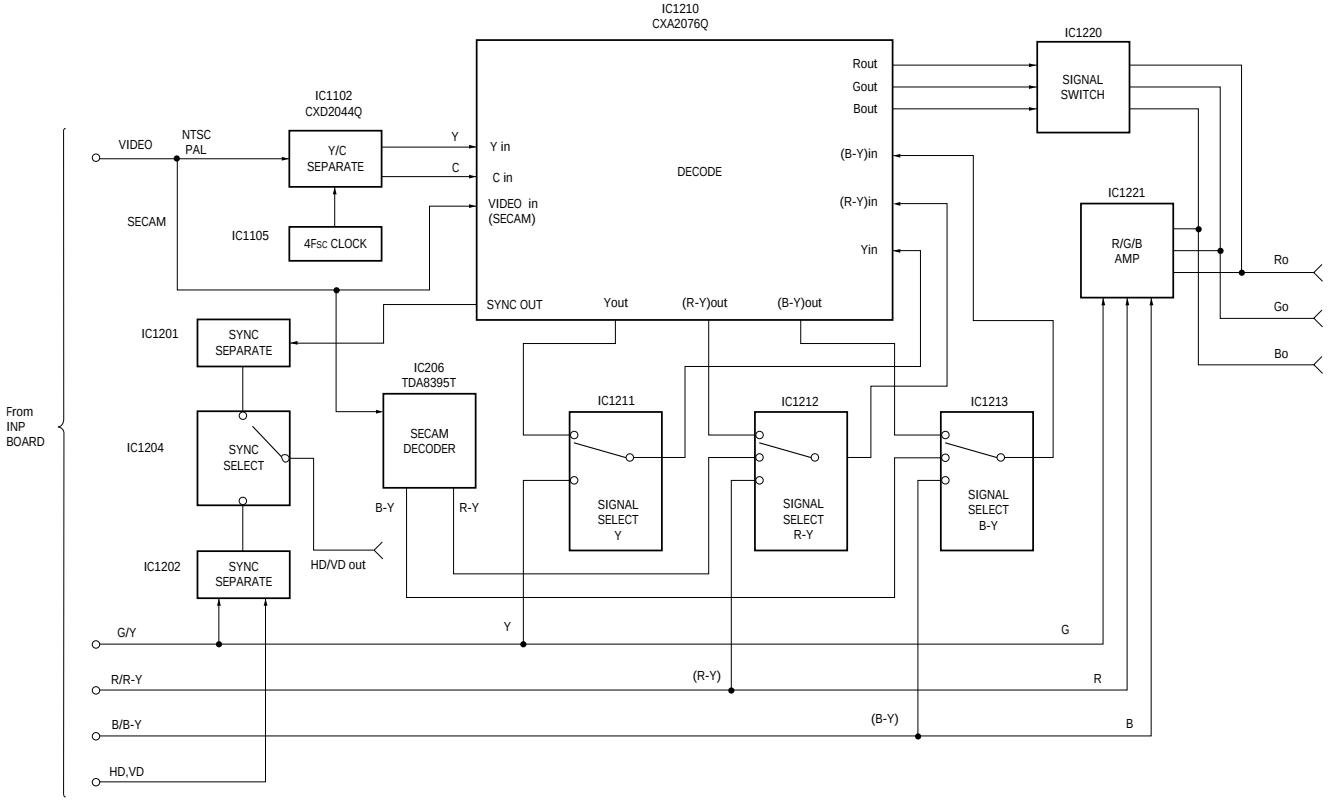


Fig. 1 EDD Board Block Diagram (1/2)

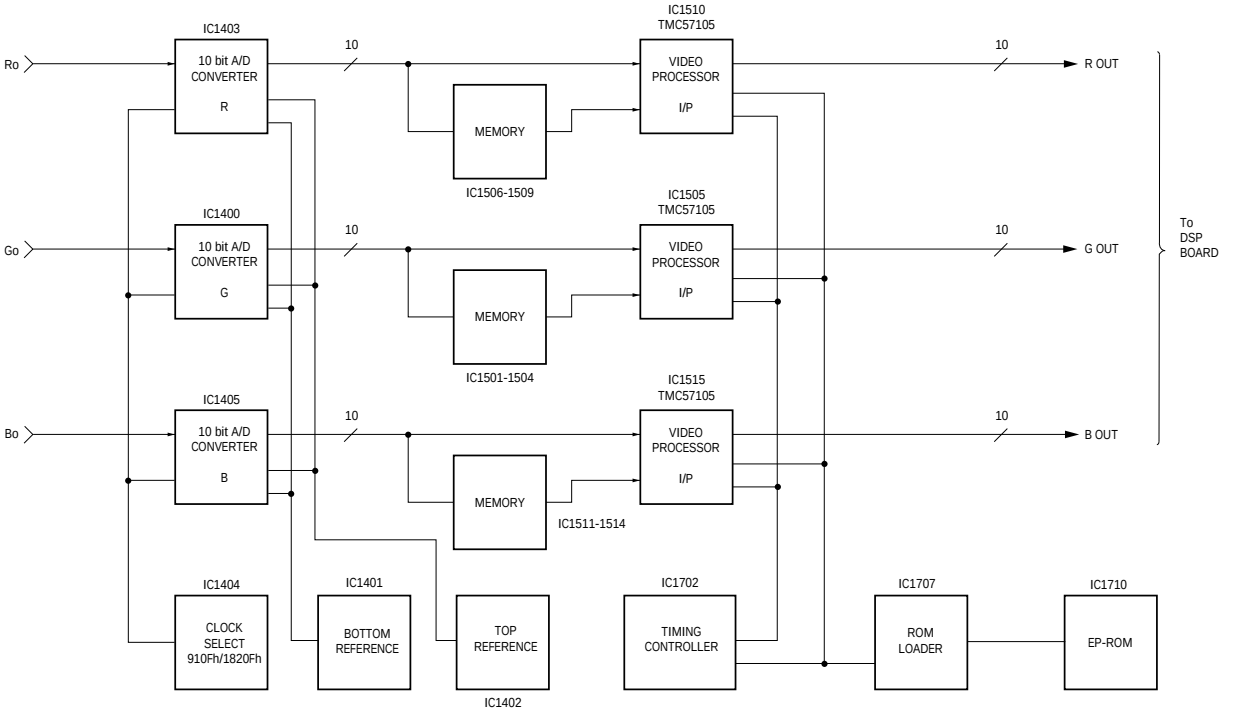


Fig. 2 EDD Board Block Diagram (2/2)

4-2. DESCRIPTION OF DSP BOARD

Respective R/G/B 10 bit data which were A-D converted in the EDD Board are loaded in the line memory (IC2069-2072). When they are output from this line memory, they are H-shifted under control by the memory controller (IC2012). Then, they are entered to the bus switch (IC2058).

The bus switch changes over the bus according to the reduction or enlargement of V Zoom. This control is made by the bus switch loader (IC2067), and the program data for this purpose have been stored in the PROM (IC2068). In the case of reduction, the data are entered first to the LAP (IC2014, 2016, 2018), then entered through bus switch to the frame memory (IC2019-2034). Then, the output data of the frame memory are entered to the MIX Board through the bus switch again. In the case of enlargement, unlike reduction, the data are entered first to the frame memory (IC2019-2034), then entered through bus switch to the LAP (IC2014, 2016, 2018). Then, the output data of the LAP are entered to the MIX Board through the bus switch again. The frame memory(IC2019-2034) performs the V shift under control by the memory controller (IC2012).

The LAP (IC2014, 2016, 2018) performs calculation for enlargement and reduction under control by the PCC loader (IC2066), and the control data for this purpose have been stored in the PROM (IC2063). Further, the operating programs for enlargement and reduction have been stored in the PROM (IC2001-2003), and they are read according to the H and V enlargement ratio or reduction ratio under control by the LAP loader (IC2004).

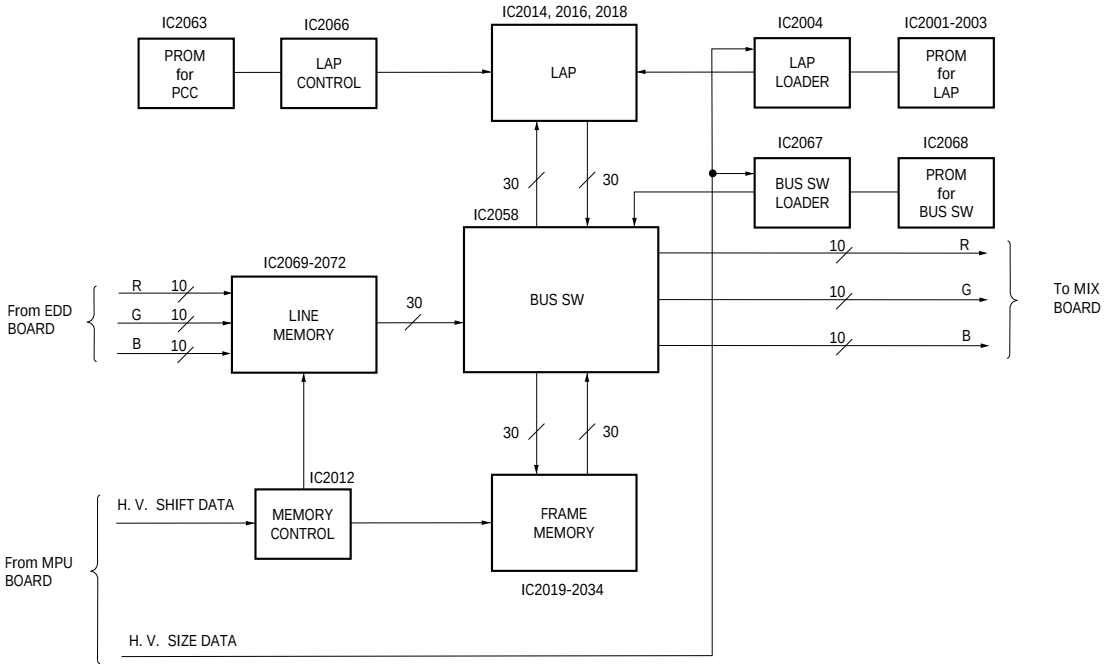


Fig. 3 DSP Board Block Diagram

4-3. DESCRIPTION OF CGI BOARD

The CGI Board can receive VGA signal of analog RGB or Macintosh 13 inch mode signals.
The entered R/G/B signals are converted into digital 8 bit signals respectively by the A-D converter (IC4041-4043), and entered to the frame memory DRAM through the FIFO memory (IC4056-4059).
The frame memory has three channels, and its data read and write are controlled by the frame synchronizing circuit (IC4078-4082). For example, if the frame memory read screen is overlapped with the write screen, the previous screen (different channel) is read, or in reverse, if the write screen is overlapped with the read screen, the data writing is disabled. These operations allow the data to be output to the MIX Board synchronously with the specified frame signal.
The entered HD and VD signals are forced through the sync separator (IC4001), and the HD signal is entered to the dot clock generating circuit. The PLL is composed with a phase comparator contained in this circuit, a variable gain amplifier, and a frequency divider compatible with the Macintosh 13 inch mode. These circuits generate dot clocks for the entered signals.

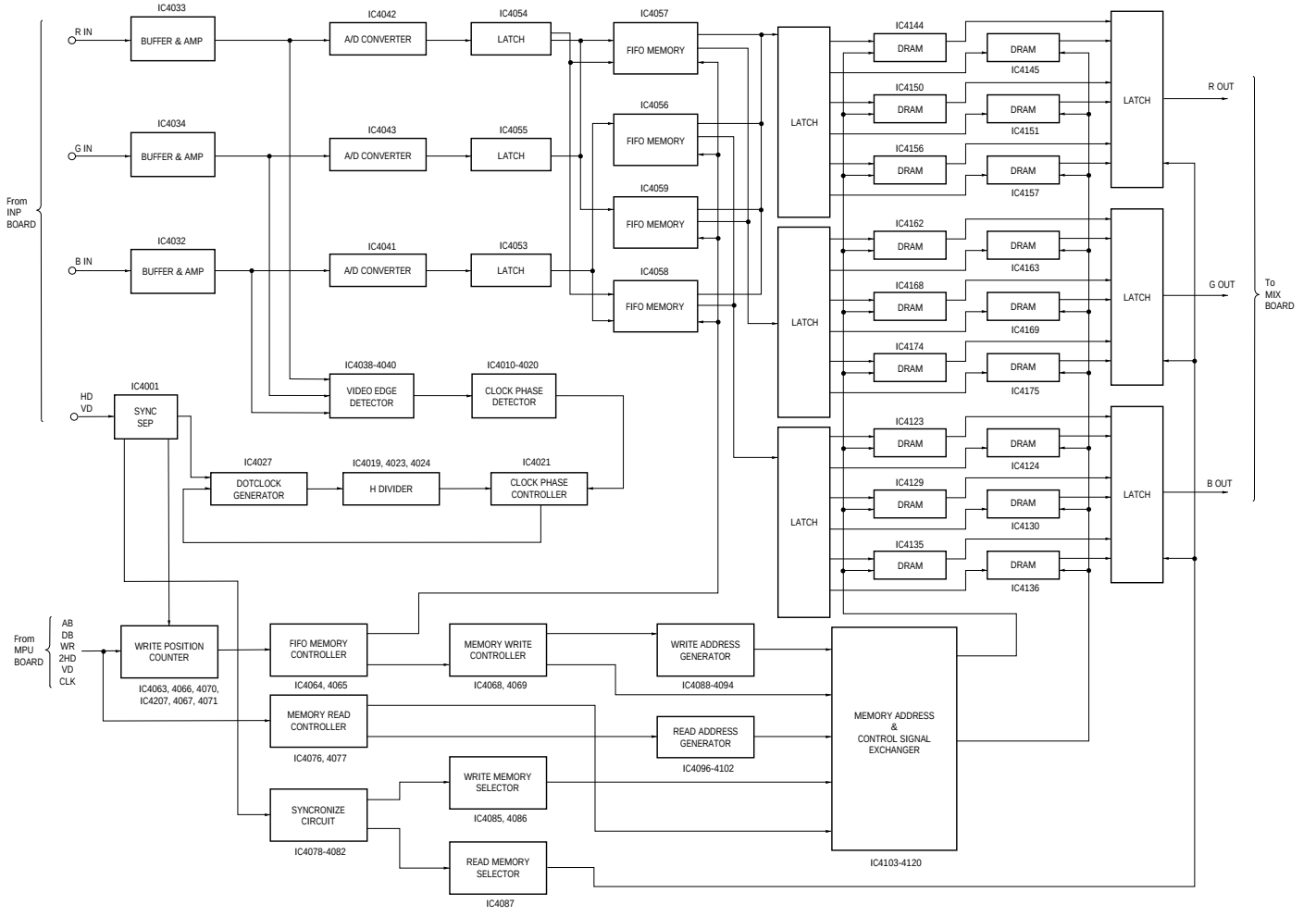


Fig. 4 CGI Board Block Diagram

4-4. DESCRIPTION OF MIX BOARD

Two signals, 10 bit parallel digital VIDEO signal respectively for R, G and B that were enlarged or reduced by the DSP Board, and 8 bit parallel digital CG signal respectively for R, G and B that were scan-converted into the VIDEO signal by the CGI Board, are entered to the MIX Board. As the input signal, either one of VIDEO, CG, and VIDEO + CG is selected by the circuit of IC3001-3018 according to the input select signal in the JTC-C200. The OTUPUT1 outputs 10 bit R, G, and B signals, and sends them to the γ correction circuit. (CG signal becomes 10 bits by adding 2 bits "00" to the LSB.) The OUTPUT2 outputs 8 bit R, G, and B signals, and sends them to the DAC circuit. (VIDEO signal becomes 8 bits by truncating lower 2 bits.)

The γ correction circuit sets γ to 1 using the look-up table that contains the correction of 2.2 power to remove the γ of 0.45 power applied to the VIDEO signal. Then, the color matrix circuit makes conversion of the LED chrominance points into NTSC chrominance points, so as to correct the colors.

Next, the FIFO memory delays RED signal by 64 clocks and GREEN signal by 128 clocks on the basis of the BLUE signal. This is the preparation for serial-parallel conversion to be made next on the PSC Board.

On the other hand, analog R, G, and B signals passing through the DAC circuit are converted into NTSC signals if input signals are in the NTSC system, or into PAL signals if PAL/SECAM system, then output to the MONITOR OUT.

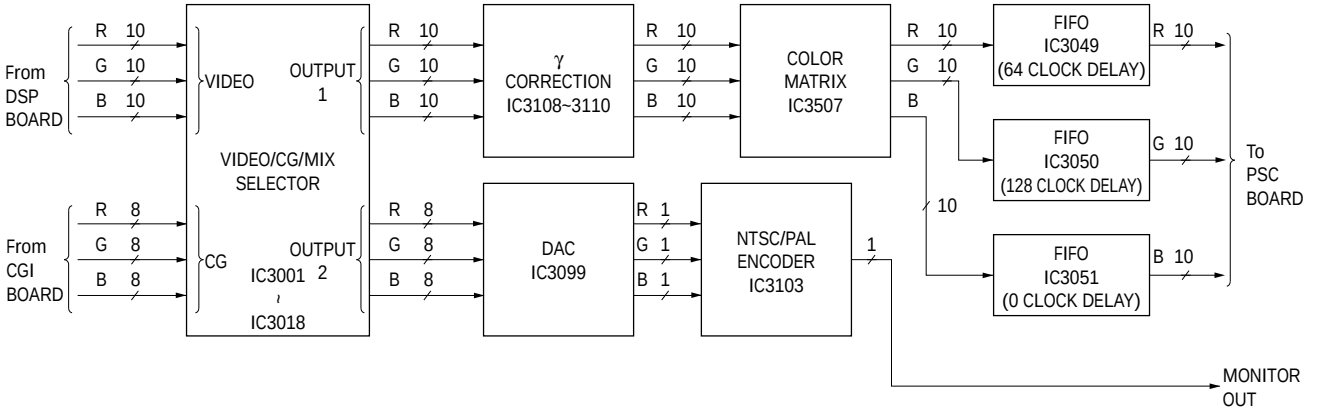


Fig. 5 MIX Board Block Diagram

4-5. DESCRIPTION OF PSC BOARD

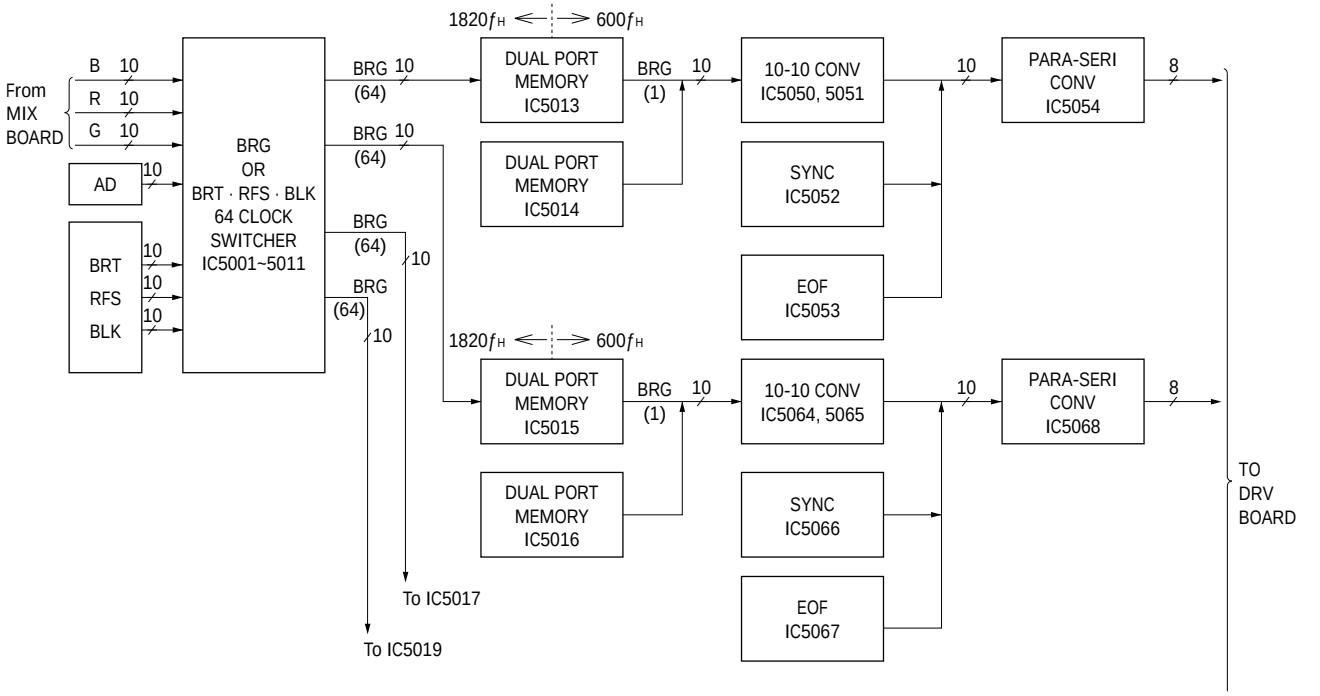


Fig. 6 PSC Board Block Diagram

The R/G/B signals entered from the MIX Board are selected every 64 clocks, and become 10 bit signals in the order of B, R, and G. (Hereinafter referred to as BRG signals)

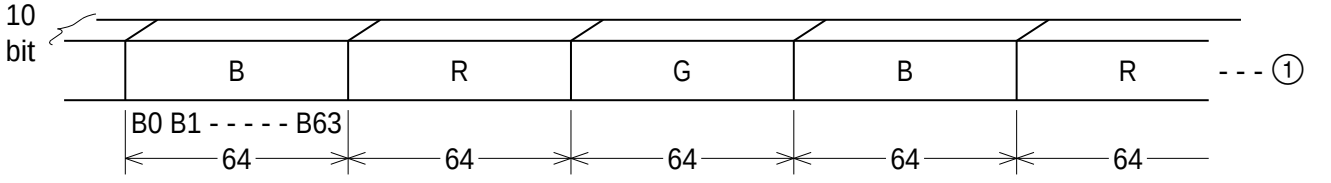


Fig. 7

This system sends BRT/RFS/BLK signals every 240 lines, as shown below. (In case of F0 code)

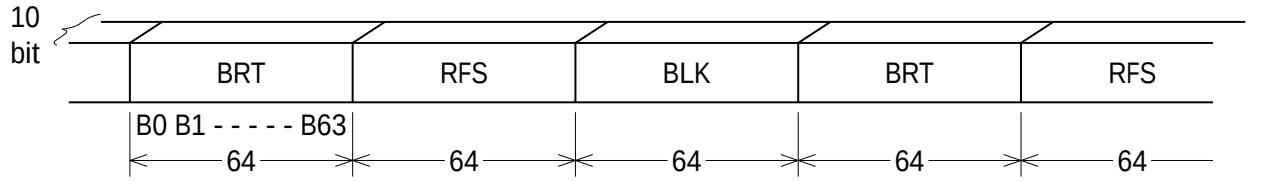


Fig. 8

Next, the dual port memory converts the clocks and the order of data reading. One dual port memory takes charge of 192 dots of BRG signals. As one PSC Board has four dual port memories (IC5013, 5015, 5017, 5019), one board takes charge of 192 × 4 = 768 dots. (One line delivers 910 data.) The clock conversion is made by writing at 1820fH and reading at 600fH, and by the conversion of reading sequence, the BRG signals in ① become as shown below.

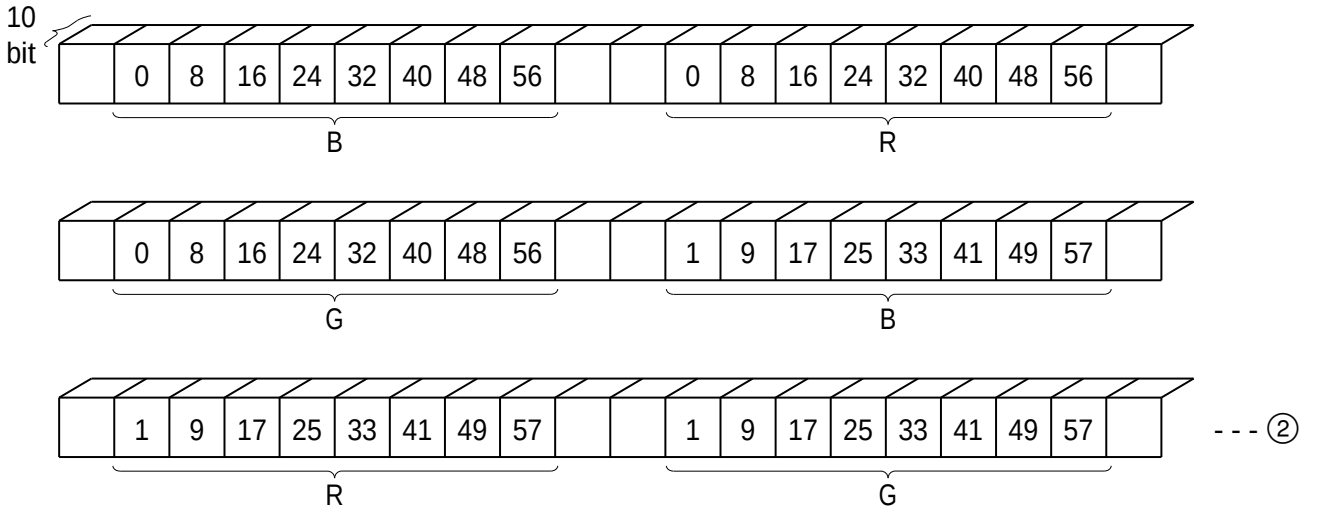


Fig. 9

The BRG signals that became as shown in ② are converted into the codes consisting of five each of “0” and “1” by the 10-10 converter. Also, as the codes that indicate the start of data and the end of data, SYNC and EOF are inserted before B0 and after G53.
Then, the codes are entered to the parallel-serial converter (IC5054, 5068, 5083, 5097) to convert into serial data, and output to the DRV Board.

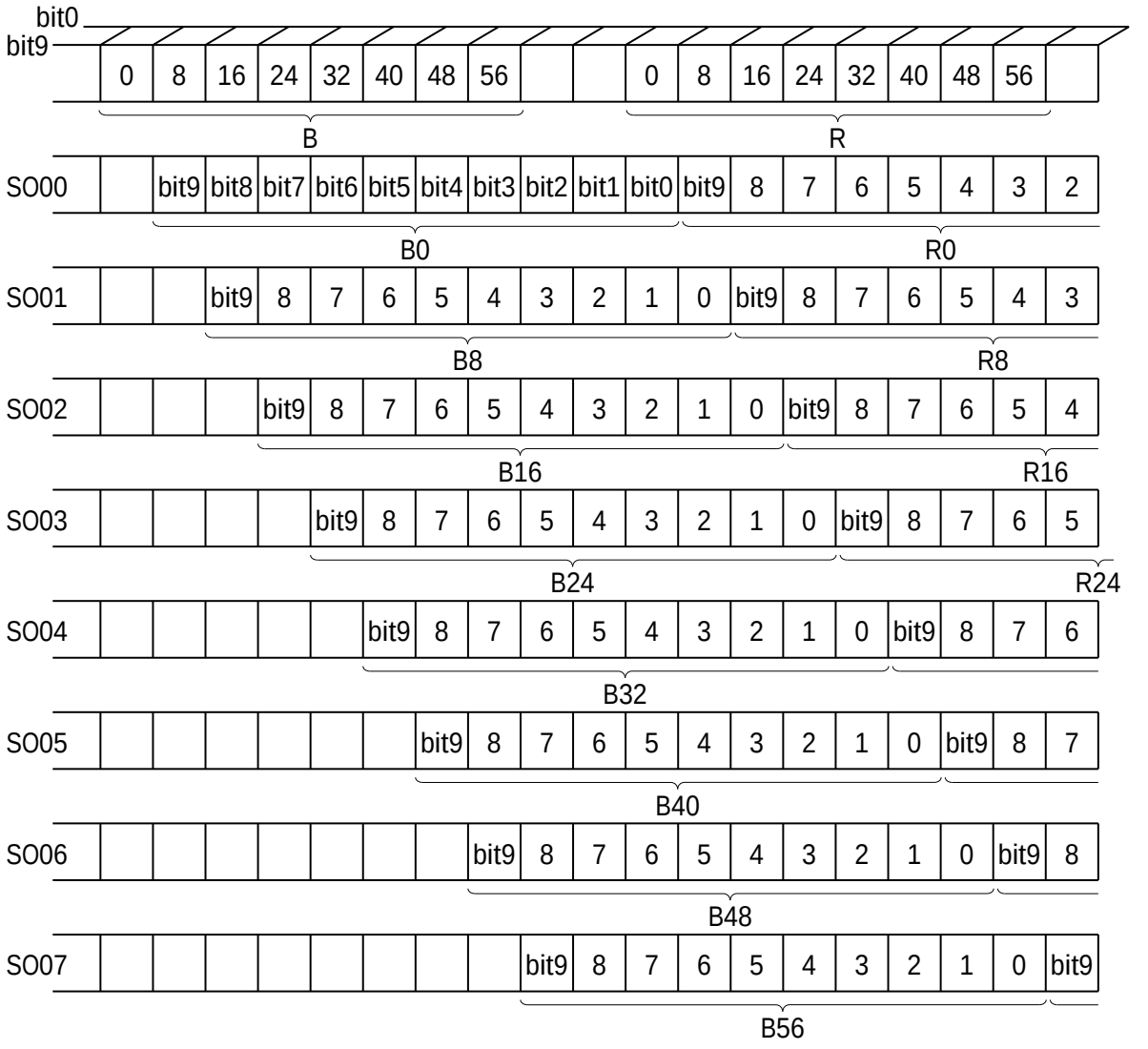


Fig. 10

4-6. DESCRIPTION OF DRV BOARD

The MPU Board sends the 35/17 SELECT signal according to the type of Jumbo Tron display unit (light emitting block) to select the driver (IC7001-7036) common to 35/17 or exclusive for 17 or 35. Serial data are entered to this driver from the PSC Board, then differential signals that conform to the RS-422 Standard are output. These signals are output from the D-sub 15 pin (CN7001-7048) on the rear panel to drive the unit. Also, the return data from the unit are converted into single output by the receiver, and sent to the MPU Board.

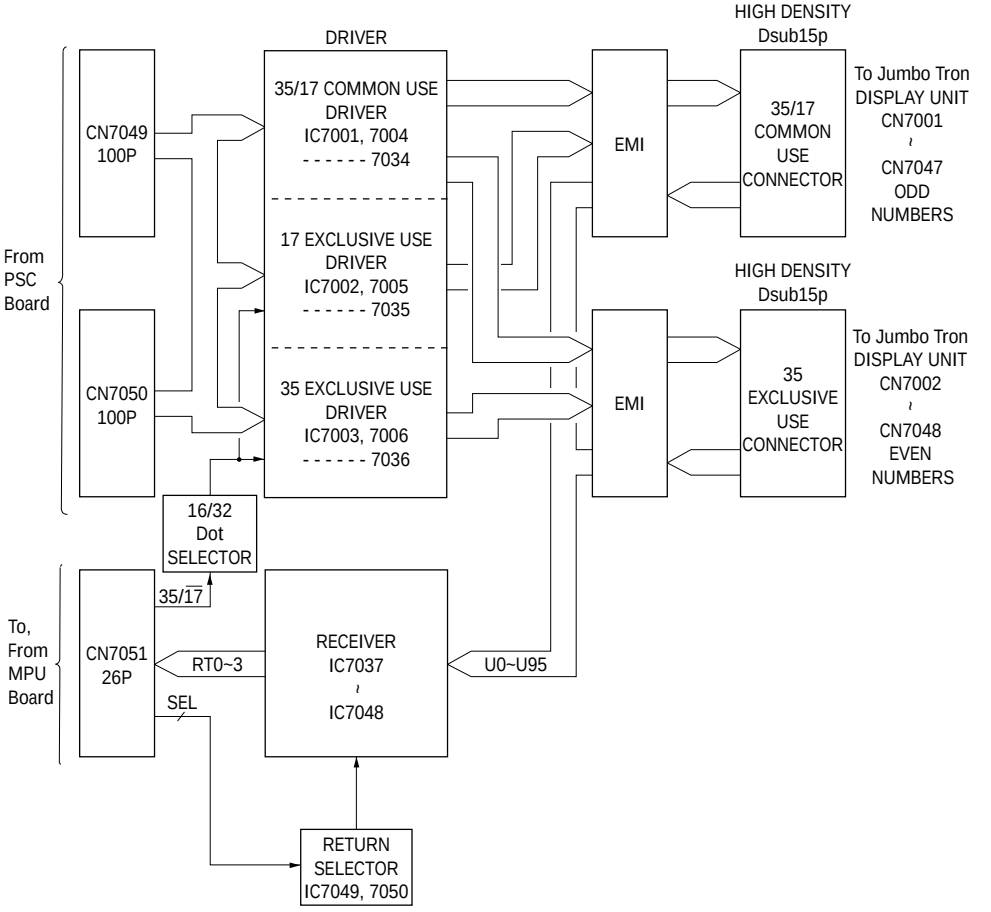


Fig. 11 DRV Board Block Diagram

4-7. DESCRIPTION OF MPU BOARD

1. Control block

Upon power on, the MPU Board checks the mounting condition of each board, then sends data to each board using the address bus, data bus, and IIC bus to load initial values including screen position, reduction ratio, hue, color, sharpness, and brightness. Of these data, fixed values are saved in the ROM, and variable values which were saved in last operation are saved in the EEPROM. Then, the MPU Board makes the communication data from the ICU controller and ABC sensor interface stand by, and upon reception of a command from the ICU controller, it sends that command to each board. Also, upon reception of the SAVE command, it writes current set values to the EEPROM. In addition, it checks the input sources, and sends the return signals from the unit, alarm information from each board, and unit operation time counted with internal IC timer to the ICU controller.

2. Timing block

This block contains the PLL circuit to generate fH, 2fH, 910fH, 1820fH, 768fH, and 600fH synchronous with the H SYNC signal of the input video, and sends them to each board. When video signal is non-signal (computer input only), an internal oscillator generates the H SYNC signal. Also, the timing generating circuit for unit screen display control and the SYNC signal generating circuit for monitor display generate the signals and send them to each board.

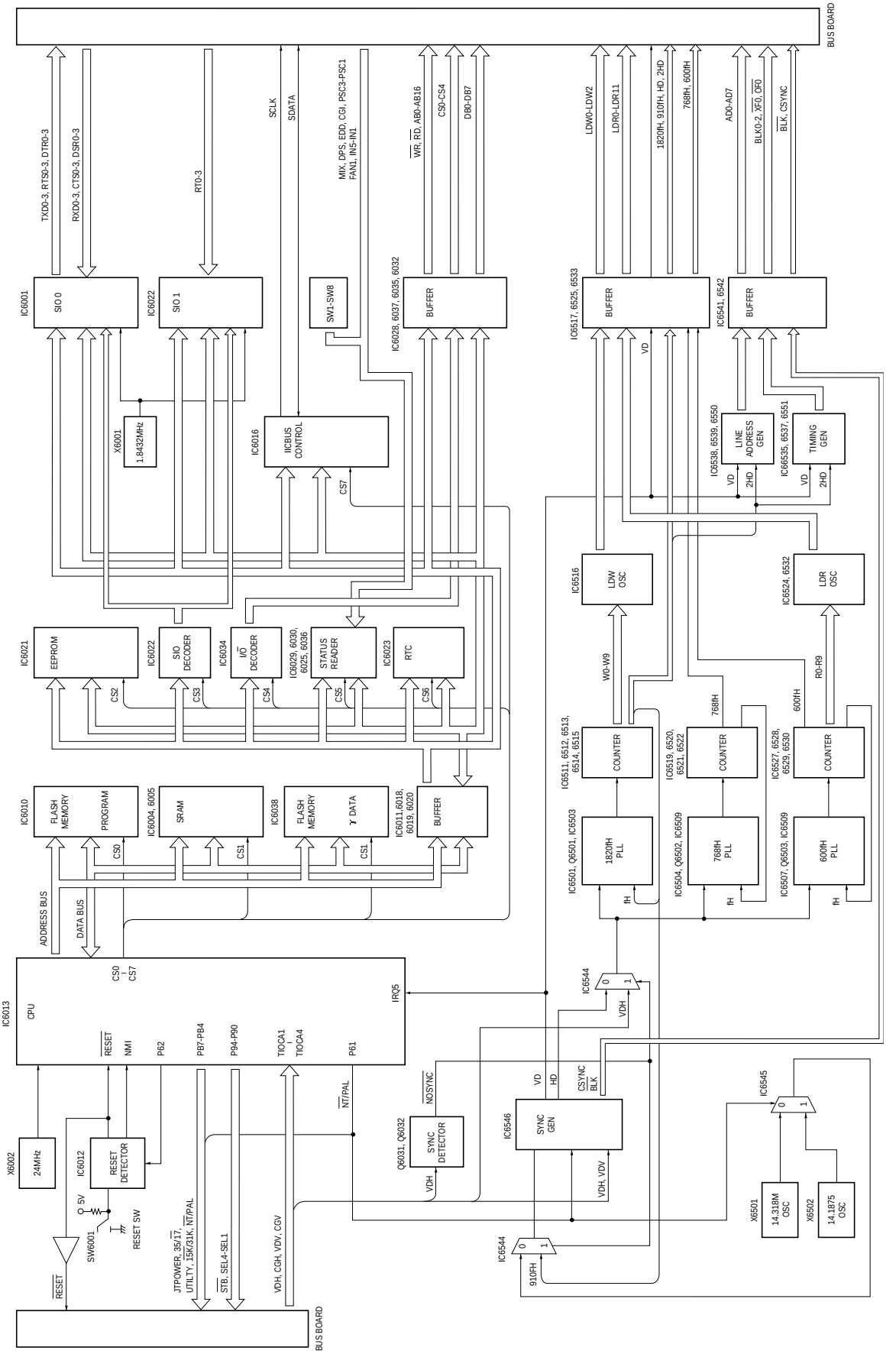
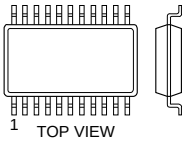


Fig. 12 MPU Board Block Diagram

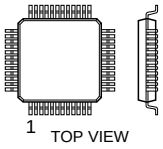
SECTION 5
SEMICONDUCTORS

AM29F400BB-70SC
AM29F800BB-70SC
HM530281-20
HM530281RTT-20
UPD485506G5-25-7JF-E2



44pin SOP

AN8133FHQ



48pin QFP

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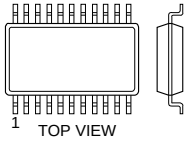
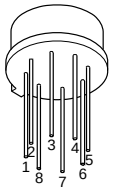
LM360M
LM360MX
MAX452CSA
MAX706CSA
MB3771PF
MM1114XFBE
NJM2234M
NJM2235M
NJM2240M
TL082CPS
TL082M
UPC4082G2



8pin SOP

CA3080M



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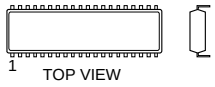

28pin DIP

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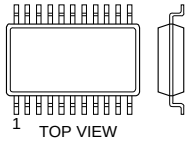
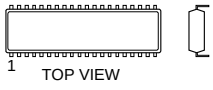


24pin SOP

CXA2016S



22pin DIP

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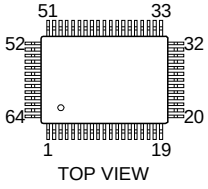
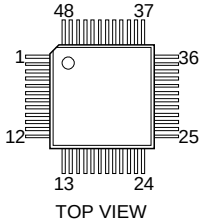
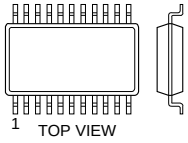


CXD1178Q



CXD1217M



28pin SOP

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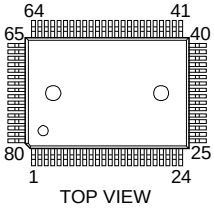
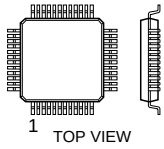
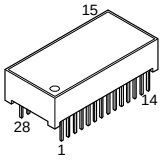


CXD2068Q

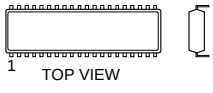


208pin QFP

DS1286

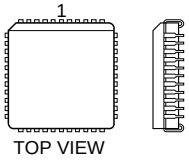


DS26C31TM
DS26C32ATM
TC74ACT139F
TC74HC161AF
TC74HC279AF
TC74HC590AF



16pin DIP

EPM7128ELC84-20
EPM7160ELC84-12



84pin QFJ

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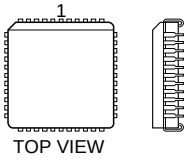

44pin QFJ

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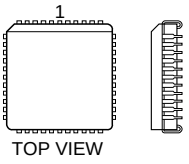
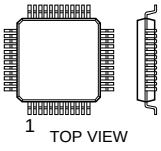
ST16C654CJ68



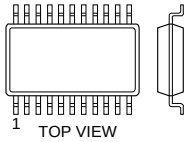
68pin QFJ

HD6413003RF-12



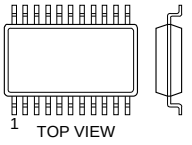
112pin QFP

HD74HC160FP
LT1260CS-E2
MAX8213BCSE-TE2
MC10H124M
MC10H125M
MC74HC4538AF
PCF8574T
SN74HC138ANS
SN74HC157ANS
SN74HC175ANS
TC74AC138F
TC74AC151F
TC74AC161F
TC74AC163F
TC74HC138AF
TC74HC157AF
TC74HC163AF
TC74HC221AF
TC74HC4511AF
TDA4665T



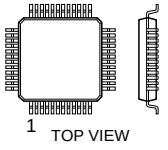
16pin SOP

HM628512ALFP-5
X28C0101R-12



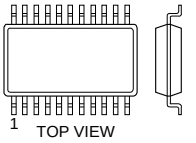
32pin SOP

IDT70261S25PF



100pin QFP

IDT74FCT3807ASO
MB8117800A-60PF
PCF8584T
TC74AC245F
TC74AC541F
TC74AC574F
TC74ACT541F
TC74ACT574F
TC74HC245AF
TC74HC541AF
TC74HC564AF
TC74HC574AF
TC74LCX541F
TC74LCX541F(EL)
TC74LCX574F
TDA8395T/N3
74AC241SJX

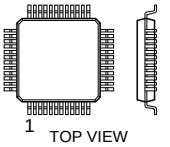


20pin SOP

IDT74FCT821ASO
IDT74FCT827ASO
SN74AS885NT

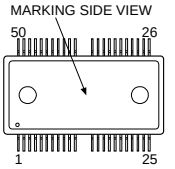
24pin DIP

IQX240B-10PQ304



304pin QFP

MB8118165A-60PFTN



MC14066BF
MC74HC30F
SN74AS30NS
SN74AS74ANS-E20
SN74HC00ANS
SN74HC04ANS
SN74HC10ANS
SN74HC125ANS
SN74HC20ANS
SN74HC74ANS
TC74AC00F
TC74AC04F
TC74AC08F
TC74AC10F
TC74AC32F
TC74ACT00F
TC74ACT02F
TC74HC00AF
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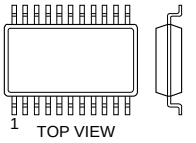
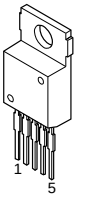
TC74HC30AF
TC74HC32AF
TC74HC74AF

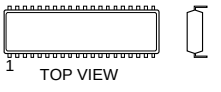


14pin SOP

MC14538BF



M27C1001-70F1-(F)
M27C4001-80F1

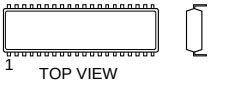


32pin DIP

M52346SP

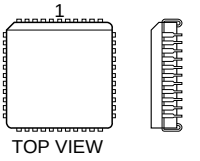
20pin DIP

NJM2902M



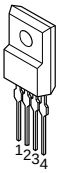
14pin DIP

PALCE16V8Q-25PC

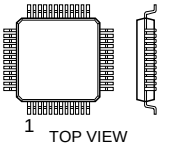


20pin QFJ

PQ09RA1
PQ09RF11

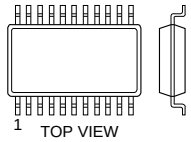


TMC57105
TMS57106



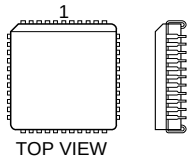
160pin QFP

TMS4C2972-26DTR



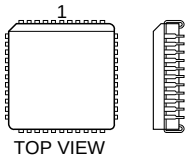
36pin SOP

WS57C191C-25J
WS57C191C-45J



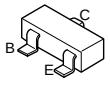
28pin QFP

WS57C256F-55L

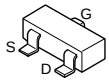


32pin QFJ

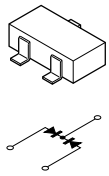
DTC114EK
DTC114EKA-T146
DTC144EKA-T146
2SA1037K-T-146-QR
2SA1162-G
2SC1623-L5L6
2SC2412K-T-146-QR



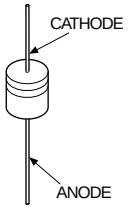
2SK1875



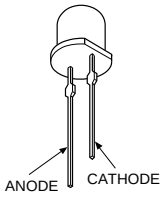
DAN202K
DAN202K-T-146



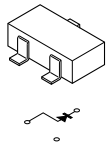
ERA82-004
ERA85-009



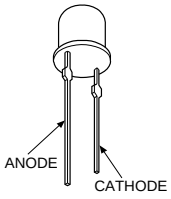
PY5504S-1



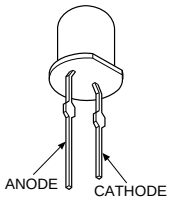
RD10M-B2
RD3.0M-B1
RD3.3M-B
RD5.1M-T1B



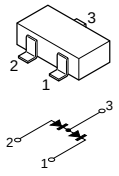
TLG113A



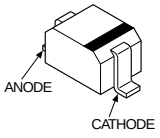
TLG124A



1SS123-T1
1SS226



1SS355
1T363
1T363A-M20-T8A



SECTION 6
EXPLODED VIEWS

NOTE:
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified ⚠ marked are critical for safety.
Replace only with the part number specified.

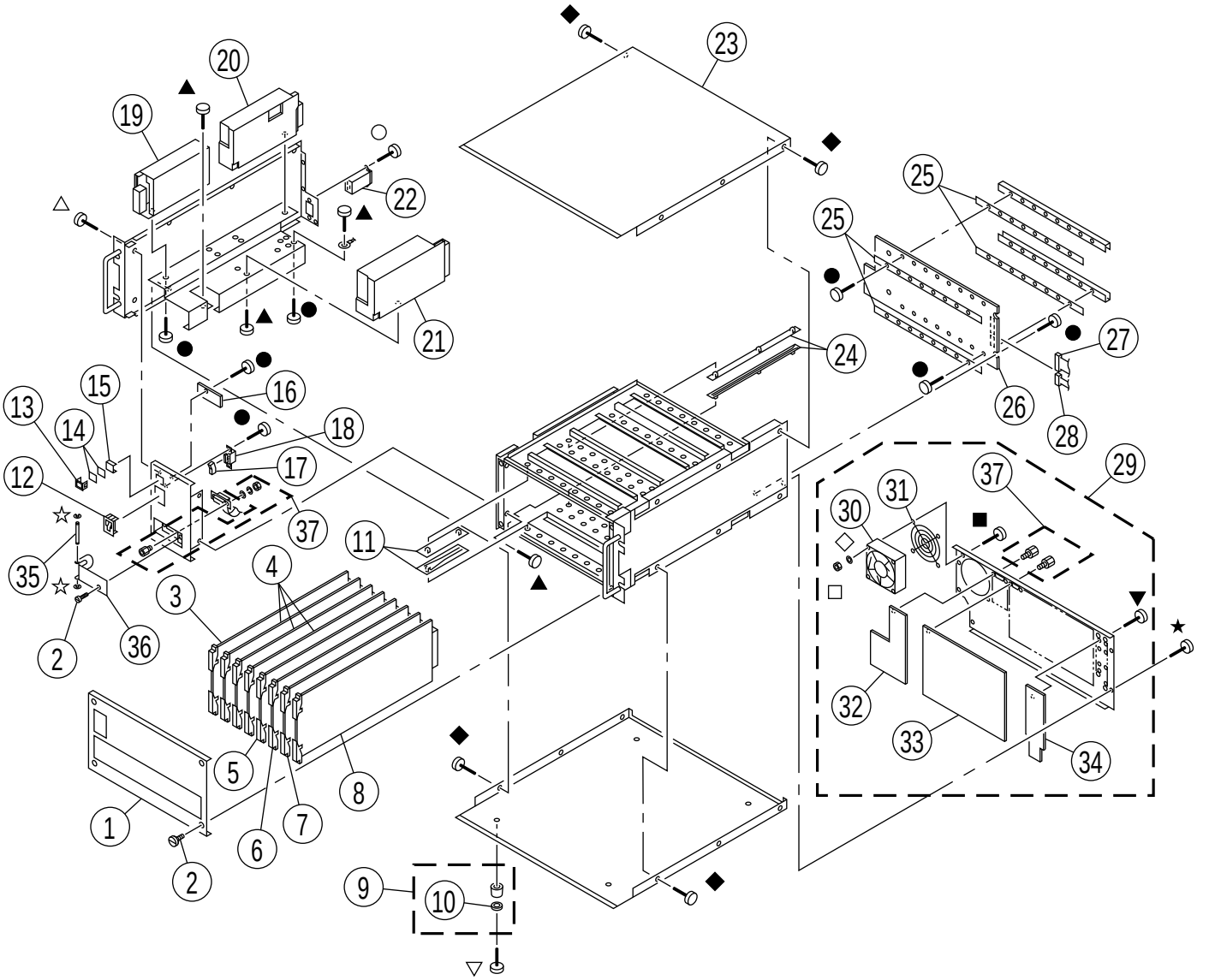
Les composants identifiés par la marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

【使用上の注意】
- ＊印の部品は常時在庫しておりません。
  受注して供給できるまで日数を要します。
- 分解図中の構成部品で，図面番号のない部品は供給しません。
- 組立部品の構成部品は備考欄に図面番号で示します。

⚠印の部品は，安全性を維持するために，重要な部品です。従って交換時は，必ず指定の部品を使用してください。

6-1. CHASSIS

● : 7-682-948-01 +PSW3x8
▲ : 7-682-961-01 +PSW4x8
▼ : 7-685-546-19 +BTP3x8
■ : 7-682-570-09 +B4x40
◆ : 7-682-558-04 +B4x4
★ : 7-682-548-09 +B3x8
○ : 7-682-347-09 +RK3x6
△ : 7-682-261-04 +K4x8
▽ : 7-682-165-09 +P4x16
□ : 7-684-024-04 N4
◇ : 7-688-004-01 W4
☆ : 7-624-102-04 STOP RING 1.5, TYPE-E



Rf.No.	Part No.	Description	Remark
1	* 4-066-001-01	PANEL (F)	
2	* 4-065-988-01	KNOB, KNURL	
3	* A-1394-889-A	MPU BOARD, COMPLETE	
4	* A-1394-888-A	PSC BOARD, COMPLETE	
5	* A-1394-893-A	CGI BOARD, COMPLETE	
6	* A-1394-890-A	MIX BOARD, COMPLETE	
7	* A-1394-892-A	DSP BOARD, COMPLETE	
8	* A-1394-891-A	EDD BOARD, COMPLETE	
9	X-4838-902-9	FOOT ASSY, 18 MF	10
10	4-809-913-XX	FOOT, F	
11	* 4-065-992-01	GUIDE	
12	3-681-054-11	POWER SW GUARD	
13	2-139-192-01	FRAME, INDICATOR WINDOW	
14	2-249-353-00	COVER, LAMP	
15	2-139-193-02	WINDOW, INDICATOR	
16	* A-1390-859-A	LED BOARD, MOUNT	
17	3-688-814-31	CAP, SWITCH	
18	⚠1-570-117-51	SWITCH, SEESAW (AC POWER)	
19	⚠1-468-328-11	REGULATOR, SWITCHING (50F) (12V)	
20	⚠1-468-329-11	REGULATOR, SWITCHING (75F) (3.3V)	
21	⚠1-468-330-11	REGULATOR, SWITCHING (100F) (5V)	
22	⚠1-251-148-11	INLET, AC (WITH FILTER)	
23	* 4-065-998-02	PANEL (T)	
24	* 4-060-949-01	SUPPORT, PWB	
25	* 4-065-989-01	SHEET	
26	* A-1390-855-A	BUS BOARD, MOUNT	
27	* 1-959-000-11	HARNESS	
28	* 1-958-999-11	HARNESS	
29	* A-1492-606-A	PANEL ASSY, REAR	30-34
30	1-541-890-11	MOTOR, DC FAN (WITH FG)	
31	* 4-066-085-01	GUARD, FAN	
32	* A-1394-914-A	COM BOARD, COMPLETE	
33	* A-1394-915-A	DRV BOARD, COMPLETE	
34	* A-1394-916-A	INP BOARD, COMPLETE	
35	* 4-066-635-01	PIN	
36	* 4-066-633-02	PANEL F (C)	
37	3-177-691-01	HEXAGONAL BLOCK	

SECTION 7
ELECTRICAL PARTS LIST

NOTE:

The components identified ⚠ marked are critical for safety.
Replace only with the part number specified.

Les composants identifiés par la marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

When indicating parts by reference number, please include the board name.

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS
- All resistors are in ohms
- F : nonflammable
- CAPACITORS
  PF : μμ F
- There are some cases the reference number on one board overlaps on the other board. Therefore, when ordering parts by the reference number, please include the board name.

【使用上の注意】

⚠印の部品は，安全性を維持するために，重要な部品です。従って交換時は，必ず指定の部品を使用してください。

お願い
図面番号で部品を指定するときは，基板名又はブロックを併せて指定して下さい。

- 抵抗の単位Ωは省略してあります。
  酸金被膜：酸化金属被膜抵抗。
  金属被膜：金属被膜抵抗。
  参考欄のFは不燃性抵抗を示します。
- * 印の部品は常時在庫しておりません。
- ここに記載されている部品は，補修部品であるため，回路図及びセットについている部品と異なる場合があります。
- 基板どうしでリファレンスNo.が重複している場合がありますので発注の際には必ず基板名を明記して下さい。

Rf.NO.	PART NO.	DESCRIPTION	REMARK
	* A-1390-855-A	BUS BOARD, MOUNT	
		**********	
		<CONNECTOR>	
CN9009	1-785-099-11	CONNECTOR, COAXIAL MULTIPLE	
CN9010	1-785-100-11	CONNECTOR, COAXIAL MULTIPLE	
CN9011	1-764-071-11	SOCKET, CONNECTOR 100P	
CN9012	1-764-071-11	SOCKET, CONNECTOR 100P	
CN9013	* 1-569-041-11	CONNECTOR 26P	
CN9014	* 1-785-098-11	PIN, CONNECTOR	
CN9015	* 1-691-959-11	PIN, CONNECTOR (PC BOARD) 4P	
CN9016	* 1-691-959-11	PIN, CONNECTOR (PC BOARD) 4P	
CN9018	1-691-756-11	PIN, CONNECTOR (PC BOARD) 2P	
CN9019	1-564-013-31	PIN, CONNECTOR 3P	
CN9020	* 1-560-365-00	CONNECTOR POST HEADER,ILG (3P)	
CN9021	1-695-915-11	TAB (CONTACT)	
		<DIODE>	
D9001	8-719-955-04	DIODE PY5504S-1	
		<DC-DC CONVERTER>	
DD9001	1-475-848-11	CONVERTER, DC/DC	
		<CIRCUIT BREAKER>	
F9001	⚠1-533-984-11	BREAKER, CIRCUIT	
		<FERRITE BEAD>	
FB9001	1-410-397-21	FERRITE 1.1UH	
		<FILTER>	
FL9001	1-421-773-11	FILTER, NOISE REMOVAL	
		<RESISTOR>	
R9001	1-247-825-31	CARBON 560 5% 1/4W	
	* A-1390-859-A	LED BOARD, MOUNT	
		**********	
	3-674-390-02	HOLDER (B), LED	
		<CONNECTOR>	
CN0001	* 1-506-482-31	PIN, CONNECTOR 3P	
		<DIODE>	
D0001	8-719-812-43	DIODE TLG124A	
D0002	8-719-812-43	DIODE TLG124A	
D0003	8-719-812-43	DIODE TLG124A	
D0004	8-719-812-43	DIODE TLG124A	
		<RESISTOR>	
R0001	1-249-409-11	CARBON 220 5% 1/4W	
R0002	1-249-409-11	CARBON 220 5% 1/4W	

LED PSC

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R0003	1-249-409-11	CARBON	220	5%	1/4W
R0004	1-249-409-11	CARBON	220	5%	1/4W

****

* A-1394-888-A PSC BOARD COMPLETE
****

* 1-251-271-11 SOCKET, IC
* 1-251-731-11 SOCKET, IC 68P
* 4-066-084-01 INSERTER EXTRACTER
4-334-240-00 HOLDER, LED

<CAPACITOR>

C5001	1-126-206-11	ELECT CHIP	100MF	20%	6.3V
C5002	1-126-206-11	ELECT CHIP	100MF	20%	6.3V
C5003	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5004	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5005	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5006	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5008	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5009	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5010	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5011	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5012	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5013	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5014	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5015	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5016	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5017	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5018	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5019	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5020	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5021	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5022	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5023	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5024	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5025	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5026	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5027	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5028	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5029	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5030	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5031	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5032	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5033	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5034	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5035	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5036	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5037	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5038	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5039	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5040	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5041	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5042	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5043	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5044	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5045	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5046	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5047	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5048	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5049	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5050	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5051	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5052	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5053	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5054	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5055	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5056	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5057	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5058	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5059	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5060	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5061	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5062	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5063	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5064	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5065	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5066	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5067	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5068	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5069	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5070	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5071	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5072	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5073	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5074	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5075	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5076	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5077	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5078	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5079	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5080	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5081	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5082	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5083	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5084	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5085	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5086	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5087	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5088	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5089	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5090	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5091	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5092	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5093	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5094	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5095	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5096	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5097	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5098	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5099	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5100	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5101	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5102	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5103	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5104	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5105	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5106	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5107	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5108	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C5109	1-163-038-91	CERAMIC CHIP	0.1MF		25V

Rf.NO.	PART NO.	DESCRIPTION	REMARK
C5110	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C5111	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C5112	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C5113	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C5114	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C5115	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C5116	1-163-038-91	CERAMIC CHIP 0.1MF	25V
		<DIODE>	
D5001	8-719-955-04	DIODE PY5504S-1	
		<TEST PIN>	
E5001	1-535-757-11	CHIP, CHECKER	
E5002	1-535-757-11	CHIP, CHECKER	
E5003	1-535-757-11	CHIP, CHECKER	
E5004	1-535-757-11	CHIP, CHECKER	
		<CIRCUIT BREAKER>	
F5001	⚠1-533-983-11	BREAKER, CIRCUIT (3.15A)	
		<FILTER>	
FL5001	1-421-773-11	FILTER, NOISE REMOVAL	
		<IC>	
IC5001	8-759-517-93	IC IDT74FCT821ASO	
IC5002	8-759-517-93	IC IDT74FCT821ASO	
IC5003	8-759-517-93	IC IDT74FCT821ASO	
IC5004	8-759-517-93	IC IDT74FCT821ASO	
IC5006	8-759-233-42	IC TC74HC754AF	
IC5007	8-759-517-93	IC IDT74FCT821ASO	
IC5008	8-759-517-93	IC IDT74FCT821ASO	
IC5009	8-759-517-93	IC IDT74FCT821ASO	
IC5010	8-759-510-79	IC IDT74FCT827ASO	
IC5011	8-759-233-42	IC TC74HC754AF	
IC5012	8-759-926-11	IC SN74HC138ANS	
IC5013	8-759-537-23	IC IDT7133SA25J	
IC5014	8-759-537-23	IC IDT7133SA25J	
IC5015	8-759-537-23	IC IDT7133SA25J	
IC5016	8-759-537-23	IC IDT7133SA25J	
IC5017	8-759-537-23	IC IDT7133SA25J	
IC5018	8-759-537-23	IC IDT7133SA25J	
IC5019	8-759-537-23	IC IDT7133SA25J	
IC5020	8-759-537-23	IC IDT7133SA25J	
IC5021	8-759-233-34	IC 74HC541AF	
IC5022	8-759-926-11	IC SN74HC138ANS	
IC5023	8-759-926-11	IC SN74HC138ANS	
IC5024	8-759-239-98	IC TC74HC30AF	
IC5025	8-759-232-94	IC TC74HC245AF	
IC5026	8-759-925-85	IC SN74HC32ANS	
IC5027	8-759-925-90	IC SN74HC74ANS	
IC5028	8-759-925-90	IC SN74HC74ANS	
IC5029	8-759-925-90	IC SN74HC74ANS	
IC5030	8-759-925-90	IC SN74HC74ANS	
IC5031	8-759-925-90	IC SN74HC74ANS	
IC5032	8-759-925-72	IC SN74HC02ANS	

Rf.NO.	PART NO.	DESCRIPTION	REMARK
IC5033	8-759-244-04	IC TC74AC163F	
IC5034	8-759-244-04	IC TC74AC163F	
IC5035	8-759-244-00	IC TC74AC161F	
IC5036	8-759-244-00	IC TC74AC161F	
IC5037	8-759-243-74	IC TC74AC138F	
IC5038	8-759-243-74	IC TC74AC138F	
IC5039	8-759-243-50	IC TC74AC08F	
IC5040	8-759-244-85	IC TC74AC574F	
IC5041	8-759-244-85	IC TC74AC574F	
IC5042	8-759-304-79	IC HD74HC160FP	
IC5043	8-759-232-71	IC TC74HC161AF	
IC5044	8-759-232-71	IC TC74HC161AF	
IC5045	8-759-232-71	IC TC74HC161AF	
IC5046	8-759-544-39	IC WS57C191C-45J-PRAD	
IC5047	8-759-926-11	IC SN74HC138ANS	
IC5048	8-759-233-42	IC TC74HC574AF	
IC5049	8-759-233-42	IC TC74HC574AF	
IC5050	8-759-544-41	IC WS57C191C-45J-1010L	
IC5051	8-759-544-40	IC WS57C191C-45J-1010H	
IC5052	8-759-510-79	IC IDT74FCT827ASO	
IC5053	8-759-510-79	IC IDT74FCT827ASO	
IC5054	8-759-544-36	IC EPM7096LC68-15-PSCV	
IC5055	8-759-233-34	IC TC74HC541AF	
IC5056	8-759-304-79	IC HD74HC160FP	
IC5057	8-759-232-71	IC TC74HC161AF	
IC5058	8-759-232-71	IC TC74HC161AF	
IC5059	8-759-232-71	IC TC74HC161AF	
IC5060	8-759-544-39	IC WS57C191C-45J-PRAD	
IC5061	8-759-926-11	IC SN74HC138ANS	
IC5062	8-759-233-42	IC TC74HC574AF	
IC5063	8-759-233-42	IC TC74HC574AF	
IC5064	8-759-544-41	IC WS57C191C-45J-1010L	
IC5065	8-759-544-40	IC WS57C191C-45J-1010H	
IC5066	8-759-510-79	IC IDT74FCT827ASO	
IC5067	8-759-510-79	IC IDT74FCT827ASO	
IC5068	8-759-544-36	IC EPM7096LC68-15-PSCV	
IC5069	8-759-233-34	IC TC74HC541AF	
IC5070	8-759-304-79	IC HD74HC160FP	
IC5071	8-759-232-71	IC TC74HC161AF	
IC5072	8-759-232-71	IC TC74HC161AF	
IC5073	8-759-232-71	IC TC74HC161AF	
IC5074	8-759-544-39	IC WS57C191C-45J-PRAD	
IC5075	8-759-926-11	IC SN74HC138ANS	
IC5076	8-759-233-42	IC TC74HC574AF	
IC5077	8-759-233-42	IC TC74HC574AF	
IC5078	8-759-544-41	IC WS57C191C-45J-1010L	
IC5079	8-759-544-40	IC WS57C191C-45J-1010H	
IC5080	8-759-510-79	IC IDT74FCT827ASO	
IC5081	8-759-510-79	IC IDT74FCT827ASO	
IC5083	8-759-544-36	IC EPM7096LC68-15-PSCV	
IC5084	8-759-233-34	IC TC74HC541AF	
IC5085	8-759-304-79	IC HD74HC160FP	
IC5086	8-759-232-71	IC TC74HC161AF	
IC5087	8-759-232-71	IC TC74HC161AF	
IC5088	8-759-232-71	IC TC74HC161AF	
IC5089	8-759-544-39	IC WS57C191C-45J-PRAD	
IC5090	8-759-926-11	IC SN74HC138ANS	
IC5091	8-759-233-42	IC TC74HC574AF	
IC5092	8-759-233-42	IC TC74HC574AF	
IC5093	8-759-544-41	IC WS57C191C-45J-1010L	

Rf.NO.	PART NO.	DESCRIPTION			REMARK
IC5094	8-759-544-40	IC WS57C191C-45J-1010H			
IC5095	8-759-510-79	IC IDT74FCT827ASO			
IC5096	8-759-510-79	IC IDT74FCT827ASO			
IC5097	8-759-544-36	IC EPM7096LC68-15-PSCV			
IC5098	8-759-233-34	IC TC74HC541AF			
IC5099	8-759-925-72	IC SN74HC02ANS			
IC5100	8-759-032-01	IC MC74HC00AF			
IC5101	8-759-032-11	IC MC74HC04AF			
IC5102	8-759-032-11	IC MC74HC04AF			
IC5103	8-759-032-11	IC MC74HC04AF			
IC5104	8-759-243-43	IC TC74AC02AF			
IC5105	8-759-243-06	IC TC74AC04AF			
IC5106	8-759-244-75	IC TC74AC541F			
IC5107	8-759-032-11	IC MC74HC04AF			
	<RESISTOR>				
R5001	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5002	1-216-025-91	RES,CHIP	100	5%	1/10W
R5003	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5004	1-216-025-91	RES,CHIP	100	5%	1/10W
R5005	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5006	1-216-025-91	RES,CHIP	100	5%	1/10W
R5007	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5008	1-216-025-91	RES,CHIP	100	5%	1/10W
R5009	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5010	1-216-025-91	RES,CHIP	100	5%	1/10W
R5011	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5012	1-216-025-91	RES,CHIP	100	5%	1/10W
R5013	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5014	1-216-025-91	RES,CHIP	100	5%	1/10W
R5015	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5016	1-216-025-91	RES,CHIP	100	5%	1/10W
R5017	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5018	1-216-025-91	RES,CHIP	100	5%	1/10W
R5019	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5020	1-216-025-91	RES,CHIP	100	5%	1/10W
R5021	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5022	1-216-017-91	RES,CHIP	47	5%	1/10W
R5023	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5024	1-216-017-91	RES,CHIP	47	5%	1/10W
R5025	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5026	1-216-017-91	RES,CHIP	47	5%	1/10W
R5027	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5028	1-216-017-91	RES,CHIP	47	5%	1/10W
R5029	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5030	1-216-025-91	RES,CHIP	100	5%	1/10W
R5031	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5032	1-216-025-91	RES,CHIP	100	5%	1/10W
R5033	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5034	1-216-025-91	RES,CHIP	100	5%	1/10W
R5035	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5036	1-216-025-91	RES,CHIP	100	5%	1/10W
R5037	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5038	1-216-025-91	RES,CHIP	100	5%	1/10W
R5039	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5040	1-216-025-91	RES,CHIP	100	5%	1/10W
R5041	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5042	1-216-025-91	RES,CHIP	100	5%	1/10W
R5043	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5044	1-216-025-91	RES,CHIP	100	5%	1/10W

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R5045	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5046	1-216-017-91	RES,CHIP	47	5%	1/10W
R5047	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5048	1-216-017-91	RES,CHIP	47	5%	1/10W
R5049	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5050	1-216-017-91	RES,CHIP	47	5%	1/10W
R5051	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5052	1-216-017-91	RES,CHIP	47	5%	1/10W
R5053	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5054	1-216-017-91	RES,CHIP	47	5%	1/10W
R5055	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5056	1-216-017-91	RES,CHIP	47	5%	1/10W
R5057	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5058	1-216-017-91	RES,CHIP	47	5%	1/10W
R5059	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5060	1-216-017-91	RES,CHIP	47	5%	1/10W
R5061	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5062	1-216-017-91	RES,CHIP	47	5%	1/10W
R5063	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5064	1-216-017-91	RES,CHIP	47	5%	1/10W
R5065	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5066	1-216-025-91	RES,CHIP	100	5%	1/10W
R5067	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5068	1-216-025-91	RES,CHIP	100	5%	1/10W
R5069	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5070	1-216-025-91	RES,CHIP	100	5%	1/10W
R5071	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5072	1-216-025-91	RES,CHIP	100	5%	1/10W
R5073	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5074	1-216-025-91	RES,CHIP	100	5%	1/10W
R5075	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5076	1-216-025-91	RES,CHIP	100	5%	1/10W
R5077	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5078	1-216-025-91	RES,CHIP	100	5%	1/10W
R5079	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5080	1-216-025-91	RES,CHIP	100	5%	1/10W
R5081	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5082	1-216-025-91	RES,CHIP	100	5%	1/10W
R5083	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5084	1-216-025-91	RES,CHIP	100	5%	1/10W
R5085	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5086	1-216-025-91	RES,CHIP	100	5%	1/10W
R5087	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5088	1-216-017-91	RES,CHIP	47	5%	1/10W
R5089	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5090	1-216-017-91	RES,CHIP	47	5%	1/10W
R5091	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5092	1-216-017-91	RES,CHIP	47	5%	1/10W
R5093	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5094	1-216-017-91	RES,CHIP	47	5%	1/10W
R5095	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5096	1-216-017-91	RES,CHIP	47	5%	1/10W
R5097	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5098	1-216-017-91	RES,CHIP	47	5%	1/10W
R5099	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5100	1-216-017-91	RES,CHIP	47	5%	1/10W
R5101	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5102	1-216-017-91	RES,CHIP	47	5%	1/10W
R5103	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5104	1-216-017-91	RES,CHIP	47	5%	1/10W

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R5105	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5106	1-216-017-91	RES,CHIP	47	5%	1/10W
R5107	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5108	1-216-025-91	RES,CHIP	100	5%	1/10W
R5109	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5110	1-216-025-91	RES,CHIP	100	5%	1/10W
R5111	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5112	1-216-025-91	RES,CHIP	100	5%	1/10W
R5113	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5114	1-216-025-91	RES,CHIP	100	5%	1/10W
R5115	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5116	1-216-025-91	RES,CHIP	100	5%	1/10W
R5117	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5118	1-216-025-91	RES,CHIP	100	5%	1/10W
R5119	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5120	1-216-025-91	RES,CHIP	100	5%	1/10W
R5121	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5122	1-216-025-91	RES,CHIP	100	5%	1/10W
R5123	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5124	1-216-025-91	RES,CHIP	100	5%	1/10W
R5125	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5126	1-216-017-91	RES,CHIP	47	5%	1/10W
R5127	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5128	1-216-017-91	RES,CHIP	47	5%	1/10W
R5129	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5130	1-216-017-91	RES,CHIP	47	5%	1/10W
R5131	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5132	1-216-017-91	RES,CHIP	47	5%	1/10W
R5133	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5134	1-216-017-91	RES,CHIP	47	5%	1/10W
R5135	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5136	1-216-017-91	RES,CHIP	47	5%	1/10W
R5137	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5138	1-216-017-91	RES,CHIP	47	5%	1/10W
R5139	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5140	1-216-017-91	RES,CHIP	47	5%	1/10W
R5141	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5142	1-216-017-91	RES,CHIP	47	5%	1/10W
R5143	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5144	1-216-017-91	RES,CHIP	47	5%	1/10W
R5145	1-216-041-00	RES,CHIP	470	5%	1/10W
R5146	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5147	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5148	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5149	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5150	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5151	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5152	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5153	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5154	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5155	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5156	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5157	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5158	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5159	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5160	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5161	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5162	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5163	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5164	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5165	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5166	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5167	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5168	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5169	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5170	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5171	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5172	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5173	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5174	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5175	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5176	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5177	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5189	1-216-295-91	SHORT	0		
R5190	1-216-025-91	RES,CHIP	100	5%	1/10W
R5191	1-216-097-91	RES,CHIP	100K	5%	1/10W
R5192	1-216-025-91	RES,CHIP	100	5%	1/10W
R5193	1-216-097-91	RES,CHIP	100K	5%	1/10W

<TEST PIN>

TP5001	1-535-757-11	CHIP, CHECKER
TP5002	1-535-757-11	CHIP, CHECKER
TP5003	1-535-757-11	CHIP, CHECKER
TP5004	1-535-757-11	CHIP, CHECKER
TP5005	1-535-757-11	CHIP, CHECKER

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*	A-1394-889-A	MPU BOARD, COMPLETE
		**********
*	3-709-100-01	COVER, IC SOCKET
*	4-066-084-01	INSERTER EXTRACTER
	8-759-534-38	IC AM29F400BB-70SC
	8-759-567-16	IC AM29F800BB-70SC

<CAPACITOR>

C6001	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C6002	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C6003	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C6004	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C6005	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C6006	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C6007	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C6008	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C6009	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C6010	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C6011	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C6012	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C6013	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C6014	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C6015	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C6016	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C6017	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C6018	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C6019	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C6020	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C6021	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C6022	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C6023	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C6024	1-163-038-91	CERAMIC CHIP	0.1MF	25V

MPU

Rf.NO.	PART NO.	DESCRIPTION			REMARK
C6025	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6026	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6027	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6028	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6029	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6030	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6031	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6032	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6033	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6034	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6035	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6036	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6037	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6038	1-104-661-91	ELECT	330MF	20%	16V
C6039	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6040	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6041	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6042	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6043	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6044	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6045	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6046	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6047	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6048	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6049	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6050	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6051	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6052	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6053	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6055	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6056	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6057	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6058	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6059	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6060	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6061	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6062	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6063	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6064	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6065	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6066	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6067	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6068	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6069	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6070	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6071	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6072	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6385	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C6386	1-128-004-11	ELECT CHIP	10MF	20%	16V
C6387	1-164-005-11	CERAMIC CHIP	0.47MF		16V
C6388	1-164-695-11	CERAMIC CHIP	0.0022MF	5%	50V
C6389	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C6390	1-163-275-11	CERAMIC CHIP	0.001MF	5%	50V
C6391	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6392	1-164-489-11	CERAMIC CHIP	0.22MF	10%	16V
C6393	1-164-489-11	CERAMIC CHIP	0.22MF	10%	16V
C6394	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6501	1-128-004-11	ELECT CHIP	10MF	20%	16V
C6502	1-163-014-00	CERAMIC CHIP	0.0027MF	10%	50V
C6503	1-163-127-00	CERAMIC CHIP	270PF	5%	50V
C6504	1-128-004-11	ELECT CHIP	10MF	20%	16V
C6505	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C6506	1-164-489-11	CERAMIC CHIP	0.22MF	10%	16V
C6507	1-107-829-11	FILM CHIP	0.056MF	2%	16V
C6508	1-164-489-11	CERAMIC CHIP	0.22MF	10%	16V
C6509	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C6510	1-104-547-11	FILM CHIP	0.0047MF	5%	16V
C6511	1-126-601-11	ELECT CHIP	2.2MF	20%	50V
C6512	1-126-601-11	ELECT CHIP	2.2MF	20%	50V
C6513	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6514	1-163-113-00	CERAMIC CHIP	68PF	5%	50V
C6515	1-163-119-00	CERAMIC CHIP	120PF	5%	50V
C6516	1-163-097-00	CERAMIC CHIP	15PF	5%	50V
C6517	1-163-097-00	CERAMIC CHIP	15PF	5%	50V
C6518	1-126-204-11	ELECT CHIP	47MF	20%	16V
C6519	1-126-204-11	ELECT CHIP	47MF	20%	16V
C6520	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6521	1-126-204-11	ELECT CHIP	47MF	20%	16V
C6522	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6523	1-163-239-11	CERAMIC CHIP	33PF	5%	50V
C6524	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6525	1-128-004-11	ELECT CHIP	10MF	20%	16V
C6526	1-163-014-00	CERAMIC CHIP	0.0027MF	10%	50V
C6527	1-163-127-00	CERAMIC CHIP	270PF	5%	50V
C6528	1-128-004-11	ELECT CHIP	10MF	20%	16V
C6529	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C6530	1-164-489-11	CERAMIC CHIP	0.22MF	10%	16V
C6531	1-107-829-11	FILM CHIP	0.056MF	2%	16V
C6532	1-164-489-11	CERAMIC CHIP	0.22MF	10%	16V
C6533	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C6534	1-104-547-11	FILM CHIP	0.0047MF	5%	16V
C6535	1-126-601-11	ELECT CHIP	2.2MF	20%	50V
C6536	1-126-601-11	ELECT CHIP	2.2MF	20%	50V
C6537	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6538	1-163-113-00	CERAMIC CHIP	68PF	5%	50V
C6539	1-163-121-00	CERAMIC CHIP	150PF	5%	50V
C6540	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C6541	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C6542	1-126-204-11	ELECT CHIP	47MF	20%	16V
C6543	1-126-204-11	ELECT CHIP	47MF	20%	16V
C6544	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6545	1-126-204-11	ELECT CHIP	47MF	20%	16V
C6546	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6547	1-163-239-11	CERAMIC CHIP	33PF	5%	50V
C6548	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6549	1-128-004-11	ELECT CHIP	10MF	20%	16V
C6550	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C6551	1-163-127-00	CERAMIC CHIP	270PF	5%	50V
C6552	1-128-004-11	ELECT CHIP	10MF	20%	16V
C6553	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C6554	1-164-489-11	CERAMIC CHIP	0.22MF	10%	16V
C6555	1-107-829-11	FILM CHIP	0.056MF	2%	16V
C6556	1-164-489-11	CERAMIC CHIP	0.22MF	10%	16V
C6557	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C6558	1-104-547-11	FILM CHIP	0.0047MF	5%	16V
C6559	1-126-601-11	ELECT CHIP	2.2MF	20%	50V
C6560	1-126-601-11	ELECT CHIP	2.2MF	20%	50V
C6561	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C6562	1-163-113-00	CERAMIC CHIP	68PF	5%	50V
C6563	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V

Rf.NO.	PART NO.	DESCRIPTION				REMARK
C6564	1-163-113-00	CERAMIC CHIP	68PF	5%	50V	
C6565	1-163-113-00	CERAMIC CHIP	68PF	5%	50V	
C6566	1-126-204-11	ELECT CHIP	47MF	20%	16V	
C6567	1-126-204-11	ELECT CHIP	47MF	20%	16V	
C6568	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6569	1-126-204-11	ELECT CHIP	47MF	20%	16V	
C6570	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6571	1-163-239-11	CERAMIC CHIP	33PF	5%	50V	
C6572	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6573	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6574	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6575	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6576	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6577	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6578	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6579	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6580	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6581	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6582	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6583	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6584	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6585	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6586	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6587	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6588	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6589	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6590	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6591	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6592	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6593	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6594	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6595	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6596	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6597	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6598	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6599	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6600	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6601	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6602	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6603	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6604	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6605	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6606	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6607	1-126-206-11	ELECT CHIP	100MF	20%	6.3V	
C6608	1-163-235-11	CERAMIC CHIP	22PF	5%	50V	
C6609	1-163-235-11	CERAMIC CHIP	22PF	5%	50V	
C6610	1-163-235-11	CERAMIC CHIP	22PF	5%	50V	
C6611	1-163-235-11	CERAMIC CHIP	22PF	5%	50V	
C6612	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6613	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6614	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6615	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6616	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6617	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6618	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6619	1-126-206-11	ELECT CHIP	100MF	20%	6.3V	
C6620	1-126-206-11	ELECT CHIP	100MF	20%	6.3V	
C6621	1-126-206-11	ELECT CHIP	100MF	20%	6.3V	
C6622	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C6623	1-163-038-91	CERAMIC CHIP	0.1MF		25V	

Rf.NO.	PART NO.	DESCRIPTION	REMARK
	<DIODE>		
D6001	8-719-800-76	DIODE 1SS226	
D6002	8-719-800-76	DIODE 1SS226	
D6003	8-719-800-76	DIODE 1SS226	
D6004	8-719-800-76	DIODE 1SS226	
D6005	8-719-800-76	DIODE 1SS226	
D6006	8-719-800-76	DIODE 1SS226	
D6007	8-719-800-76	DIODE 1SS226	
D6008	8-719-800-76	DIODE 1SS226	
D6009	8-719-800-76	DIODE 1SS226	
D6010	8-719-800-76	DIODE 1SS226	
D6011	8-719-800-76	DIODE 1SS226	
D6012	8-719-800-76	DIODE 1SS226	
D6013	8-719-800-76	DIODE 1SS226	
D6014	8-719-800-76	DIODE 1SS226	
D6015	8-719-800-76	DIODE 1SS226	
D6016	8-719-800-76	DIODE 1SS226	
D6017	8-719-800-76	DIODE 1SS226	
D6018	8-719-800-76	DIODE 1SS226	
D6019	8-719-962-02	DIODE GL-6P202	
D6020	8-719-988-62	DIODE 1SS355	
D6021	8-719-105-38	DIODE RD3.0M-B1	
D6501	8-719-002-81	DIODE 1T363	
D6502	8-719-002-81	DIODE 1T363	
D6503	8-719-002-81	DIODE 1T363	
	<FERRITE BEAD>		
FB6001	1-412-390-21	FERRITE 0UH	
FB6002	1-412-390-21	FERRITE 0UH	
FB6003	1-412-390-21	FERRITE 0UH	
FB6004	1-412-390-21	FERRITE 0UH	
FB6005	1-412-390-21	FERRITE 0UH	
FB6006	1-412-390-21	FERRITE 0UH	
FB6007	1-412-390-21	FERRITE 0UH	
FB6008	1-412-390-21	FERRITE 0UH	
FB6009	1-412-390-21	FERRITE 0UH	
FB6010	1-412-390-21	FERRITE 0UH	
FB6011	1-412-390-21	FERRITE 0UH	
FB6012	1-412-390-21	FERRITE 0UH	
FB6013	1-412-390-21	FERRITE 0UH	
FB6014	1-412-390-21	FERRITE 0UH	
FB6015	1-412-390-21	FERRITE 0UH	
FB6016	1-412-390-21	FERRITE 0UH	
FB6017	1-412-390-21	FERRITE 0UH	
FB6018	1-412-390-21	FERRITE 0UH	
FB6019	1-412-390-21	FERRITE 0UH	
FB6020	1-412-390-21	FERRITE 0UH	
FB6021	1-412-390-21	FERRITE 0UH	
FB6022	1-412-390-21	FERRITE 0UH	
FB6023	1-412-390-21	FERRITE 0UH	
FB6024	1-412-390-21	FERRITE 0UH	
FB6025	1-412-390-21	FERRITE 0UH	
FB6026	1-412-390-21	FERRITE 0UH	
FB6027	1-412-390-21	FERRITE 0UH	
FB6028	1-412-390-21	FERRITE 0UH	
FB6029	1-412-390-21	FERRITE 0UH	
FB6030	1-412-390-21	FERRITE 0UH	
FB6031	1-412-390-21	FERRITE 0UH	
FB6032	1-412-390-21	FERRITE 0UH	

MPU

Rf.NO.	PART NO.	DESCRIPTION	REMARK
FB6033	1-412-390-21	FERRITE 0UH	
FB6034	1-412-390-21	FERRITE 0UH	
FB6035	1-412-390-21	FERRITE 0UH	
FB6036	1-412-390-21	FERRITE 0UH	
FB6037	1-412-390-21	FERRITE 0UH	
FB6038	1-412-390-21	FERRITE 0UH	
FB6039	1-412-390-21	FERRITE 0UH	
FB6040	1-412-390-21	FERRITE 0UH	
FB6041	1-412-390-21	FERRITE 0UH	
		<FILTER>	
FL6001	1-233-283-11	FILTER, EMI (SMD)	
FL6002	1-233-283-11	FILTER, EMI (SMD)	
FL6003	1-233-283-11	FILTER, EMI (SMD)	
FL6004	1-233-283-11	FILTER, EMI (SMD)	
FL6005	1-421-773-11	FILTER, NOISE REMOVAL	
FL6006	1-421-773-11	FILTER, NOISE REMOVAL	
FL6007	1-421-773-11	FILTER, NOISE REMOVAL	
		<IC>	
IC6001	8-759-534-39	IC ST16C654CJ68	
IC6002	8-759-534-39	IC ST16C654CJ68	
IC6003	8-759-925-74	IC SN74HC04ANS	
IC6004	8-759-496-66	IC HM628512ALFP-5	
IC6005	8-759-496-66	IC HM628512ALFP-5	
IC6006	8-759-007-80	IC MC74HC175F	
IC6007	8-759-007-80	IC MC74HC175F	
IC6008	8-759-244-75	IC TC74AC541F	
IC6009	8-759-925-81	IC SN74HC20ANS	
IC6010	8-759-553-79	IC AM29F400BB-MPUPV1.00	
IC6011	8-759-244-75	IC TC74AC541F	
IC6012	8-759-447-40	IC MAX706CSA	
IC6013	8-759-275-96	IC HD6413003RF-12	
IC6014	8-759-243-39	IC TC74AC00F	
IC6015	8-759-243-62	IC TC74AC32F	
IC6016	8-759-247-68	IC PCF8584T	
IC6017	8-759-925-90	IC SN74HC74ANS	
IC6018	8-759-244-75	IC TC74AC541F	
IC6019	8-759-244-75	IC TC74AC541F	
IC6020	8-759-985-55	IC 74AC245SJ	
IC6021	8-759-538-11	IC X28C0101R-12	
IC6022	8-759-243-74	IC TC74AC138F	
IC6023	8-749-014-74	IC DS1286	
IC6024	8-759-244-75	IC TC74AC541F	
IC6025	8-759-244-75	IC TC74AC541F	
IC6027	8-759-242-28	IC TC74HC4511AF	
IC6028	8-759-244-75	IC TC74AC541F	
IC6029	8-759-244-75	IC TC74AC541F	
IC6030	8-759-244-75	IC TC74AC541F	
IC6031	8-759-242-28	IC TC74HC4511AF	
IC6032	8-759-985-55	IC 74AC245SJ	
IC6033	8-759-244-75	IC TC74AC541F	
IC6034	8-759-243-74	IC TC74AC138F	
IC6035	8-759-244-75	IC TC74AC541F	
IC6036	8-759-243-74	IC TC74AC138F	
IC6037	8-759-244-75	IC TC74AC541F	
IC6038	8-759-553-78	IC AM29F800BB-MPUGV1.00	
IC6039	8-759-243-62	IC TC74AC32F	
IC6040	8-759-243-06	IC TC74AC04F	
IC6209	8-759-038-15	IC MC74HC4538AF	
IC6210	8-759-038-15	IC MC74HC4538AF	
IC6501	8-759-103-09	IC UPC4082G2	
IC6502	8-759-008-67	IC MC14066BF	
IC6503	8-759-243-06	IC TC74AC04F	
IC6504	8-759-103-09	IC UPC4082G2	
IC6505	8-759-008-67	IC MC14066BF	
IC6506	8-759-243-06	IC TC74AC04F	
IC6507	8-759-103-09	IC UPC4082G2	
IC6508	8-759-008-67	IC MC14066BF	
IC6509	8-759-243-06	IC TC74AC04F	
IC6511	8-759-244-00	IC TC74AC161F	
IC6512	8-759-244-00	IC TC74AC161F	
IC6513	8-759-244-00	IC TC74AC161F	
IC6514	8-759-244-00	IC TC74AC161F	
IC6515	8-759-244-00	IC TC74AC161F	
IC6516	8-759-544-42	IC WS57C191C-25J-MWAD	
IC6517	8-759-244-77	IC TC74ACT541F	
IC6518	8-759-243-43	IC TC74AC02F	
IC6519	8-759-244-00	IC TC74AC161F	
IC6520	8-759-244-00	IC TC74AC161F	
IC6521	8-759-244-00	IC TC74AC161F	
IC6522	8-759-244-00	IC TC74AC161F	
IC6523	8-759-243-90	IC TC74AC157F	
IC6524	8-759-544-44	IC WS57C191C-25J-MRADL	
IC6525	8-759-244-77	IC TC74ACT541F	
IC6526	8-759-243-43	IC TC74AC02F	
IC6527	8-759-244-00	IC TC74AC161F	
IC6528	8-759-244-00	IC TC74AC161F	
IC6529	8-759-244-00	IC TC74AC161F	
IC6530	8-759-244-00	IC TC74AC161F	
IC6531	8-759-232-65	IC TC74HC157AF	
IC6532	8-759-544-43	IC WS57C191C-25J-MRADH	
IC6533	8-759-244-77	IC TC74ACT541F	
IC6534	8-759-243-43	IC TC74AC02F	
IC6535	8-759-925-90	IC SN74HC74ANS	
IC6536	8-759-232-18	IC TC74HC20AF	
IC6537	8-759-232-71	IC TC74HC161AF	
IC6538	8-759-232-74	IC TC74HC163AF	
IC6539	8-759-232-74	IC TC74HC163AF	
IC6540	8-759-232-71	IC TC74HC161AF	
IC6541	8-759-233-34	IC TC74HC541AF	
IC6542	8-759-233-34	IC TC74HC541AF	
IC6543	8-759-032-11	IC MC74HC04AF	
IC6544	8-759-243-90	IC TC74AC157F	
IC6545	8-759-243-39	IC TC74AC00F	
IC6546	8-752-332-67	IC CXD1217M	
IC6547	8-759-925-90	IC SN74HC74ANS	
IC6548	8-759-925-76	IC SN74HC08ANS	
IC6549	8-759-054-12	IC PQ09RA1	
IC6550	8-759-925-85	IC SN74HC32ANS	
IC6551	8-759-232-71	IC TC74HC161AF	
		<IC SOCKET>	
IS6010	* 1-251-496-21	SOCKET, IC	
IS6023	* 1-526-659-00	SOCKET, IC (DP) 28P	
IS6038	* 1-251-496-21	SOCKET, IC	
IS6516	* 1-251-271-11	SOCKET, IC	

Rf.NO.	PART NO.	DESCRIPTION			REMARK
IS6524	* 1-251-271-11	SOCKET, IC			
IS6532	* 1-251-271-11	SOCKET, IC			
		<COIL>			
L6501	1-410-204-31	INDUCTOR CHIP	10UH		
L6502	1-410-204-31	INDUCTOR CHIP	10UH		
L6503	1-410-204-31	INDUCTOR CHIP	10UH		
L6504	1-410-204-31	INDUCTOR CHIP	10UH		
		<TRANSISTOR>			
Q6031	8-729-216-22	TRANSISTOR 2SA1162-G			
Q6032	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q6033	8-729-216-22	TRANSISTOR 2SA1162-G			
Q6501	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q6502	8-729-216-22	TRANSISTOR 2SA1162-G			
Q6503	8-729-216-22	TRANSISTOR 2SA1162-G			
Q6504	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q6505	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q6506	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q6507	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q6508	8-729-216-22	TRANSISTOR 2SA1162-G			
Q6509	8-729-216-22	TRANSISTOR 2SA1162-G			
Q6510	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q6511	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q6512	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q6513	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q6514	8-729-216-22	TRANSISTOR 2SA1162-G			
Q6515	8-729-216-22	TRANSISTOR 2SA1162-G			
Q6516	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q6517	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q6518	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
		<RESISTOR>			
R6001	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6002	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6003	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6004	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6005	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6006	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6007	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6008	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6009	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6010	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6011	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6012	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6013	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6014	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6015	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6016	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6017	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6018	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6019	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6020	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6021	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6022	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6023	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6024	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6025	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6026	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6027	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6028	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6029	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6030	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6031	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6032	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6033	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6034	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6035	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6036	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6037	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6038	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6039	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6040	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6041	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6042	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6043	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6044	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6045	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6046	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6048	1-216-295-91	SHORT	0		
R6049	1-216-025-91	RES,CHIP	100	5%	1/10W
R6050	1-216-025-91	RES,CHIP	100	5%	1/10W
R6051	1-216-025-91	RES,CHIP	100	5%	1/10W
R6052	1-216-025-91	RES,CHIP	100	5%	1/10W
R6053	1-216-025-91	RES,CHIP	100	5%	1/10W
R6054	1-216-025-91	RES,CHIP	100	5%	1/10W
R6055	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6056	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6057	1-216-025-91	RES,CHIP	100	5%	1/10W
R6058	1-216-025-91	RES,CHIP	100	5%	1/10W
R6059	1-216-025-91	RES,CHIP	100	5%	1/10W
R6060	1-216-025-91	RES,CHIP	100	5%	1/10W
R6061	1-216-025-91	RES,CHIP	100	5%	1/10W
R6062	1-216-025-91	RES,CHIP	100	5%	1/10W
R6063	1-216-025-91	RES,CHIP	100	5%	1/10W
R6065	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6066	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6068	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6069	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6070	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6071	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6072	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6073	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6074	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6075	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6076	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6077	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6078	1-216-025-91	RES,CHIP	100	5%	1/10W
R6079	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6080	1-216-025-91	RES,CHIP	100	5%	1/10W
R6081	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6082	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6083	1-216-025-91	RES,CHIP	100	5%	1/10W
R6084	1-216-025-91	RES,CHIP	100	5%	1/10W
R6085	1-216-025-91	RES,CHIP	100	5%	1/10W
R6086	1-216-097-91	RES,CHIP	100K	5%	1/10W
R6087	1-216-295-91	SHORT	0		

MPU

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R6088	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6089	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6090	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6091	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6092	1-216-025-91	RES,CHIP	100	5%	1/10W
R6093	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6094	1-216-295-91	SHORT	0		
R6095	1-216-025-91	RES,CHIP	100	5%	1/10W
R6096	1-216-025-91	RES,CHIP	100	5%	1/10W
R6097	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6098	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6099	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6100	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6101	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6102	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6103	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6104	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6105	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6106	1-216-295-91	SHORT	0		
R6107	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6108	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6109	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6110	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6111	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6112	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6113	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6114	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6115	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R6116	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R6117	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6118	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6119	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6120	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6122	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6123	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6124	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6125	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6126	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6127	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6128	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6129	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6130	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6131	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6132	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6133	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6134	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6135	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6136	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6137	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6138	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6139	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6140	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6141	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6142	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6143	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6144	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6145	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6146	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6147	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6148	1-216-073-00	RES,CHIP	10K	5%	1/10W

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R6149	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6150	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6151	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6152	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6153	1-216-025-91	RES,CHIP	100	5%	1/10W
R6154	1-216-025-91	RES,CHIP	100	5%	1/10W
R6155	1-216-025-91	RES,CHIP	100	5%	1/10W
R6156	1-216-025-91	RES,CHIP	100	5%	1/10W
R6157	1-216-025-91	RES,CHIP	100	5%	1/10W
R6158	1-216-025-91	RES,CHIP	100	5%	1/10W
R6159	1-216-025-91	RES,CHIP	100	5%	1/10W
R6160	1-216-025-91	RES,CHIP	100	5%	1/10W
R6161	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6162	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6163	1-216-025-91	RES,CHIP	100	5%	1/10W
R6164	1-216-025-91	RES,CHIP	100	5%	1/10W
R6165	1-216-025-91	RES,CHIP	100	5%	1/10W
R6166	1-216-025-91	RES,CHIP	100	5%	1/10W
R6167	1-216-025-91	RES,CHIP	100	5%	1/10W
R6168	1-216-025-91	RES,CHIP	100	5%	1/10W
R6169	1-216-025-91	RES,CHIP	100	5%	1/10W
R6170	1-216-025-91	RES,CHIP	100	5%	1/10W
R6171	1-216-025-91	RES,CHIP	100	5%	1/10W
R6172	1-216-025-91	RES,CHIP	100	5%	1/10W
R6173	1-216-025-91	RES,CHIP	100	5%	1/10W
R6174	1-216-025-91	RES,CHIP	100	5%	1/10W
R6175	1-216-025-91	RES,CHIP	100	5%	1/10W
R6176	1-216-025-91	RES,CHIP	100	5%	1/10W
R6177	1-216-025-91	RES,CHIP	100	5%	1/10W
R6178	1-216-025-91	RES,CHIP	100	5%	1/10W
R6179	1-216-025-91	RES,CHIP	100	5%	1/10W
R6180	1-216-025-91	RES,CHIP	100	5%	1/10W
R6181	1-216-025-91	RES,CHIP	100	5%	1/10W
R6182	1-216-025-91	RES,CHIP	100	5%	1/10W
R6183	1-216-025-91	RES,CHIP	100	5%	1/10W
R6184	1-216-025-91	RES,CHIP	100	5%	1/10W
R6185	1-216-025-91	RES,CHIP	100	5%	1/10W
R6186	1-216-025-91	RES,CHIP	100	5%	1/10W
R6187	1-216-025-91	RES,CHIP	100	5%	1/10W
R6188	1-216-025-91	RES,CHIP	100	5%	1/10W
R6189	1-216-025-91	RES,CHIP	100	5%	1/10W
R6190	1-216-025-91	RES,CHIP	100	5%	1/10W
R6191	1-216-025-91	RES,CHIP	100	5%	1/10W
R6192	1-216-025-91	RES,CHIP	100	5%	1/10W
R6193	1-216-025-91	RES,CHIP	100	5%	1/10W
R6194	1-216-025-91	RES,CHIP	100	5%	1/10W
R6195	1-216-025-91	RES,CHIP	100	5%	1/10W
R6196	1-216-025-91	RES,CHIP	100	5%	1/10W
R6197	1-216-025-91	RES,CHIP	100	5%	1/10W
R6198	1-216-025-91	RES,CHIP	100	5%	1/10W
R6199	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R6200	1-216-025-91	RES,CHIP	100	5%	1/10W
R6201	1-216-025-91	RES,CHIP	100	5%	1/10W
R6202	1-216-025-91	RES,CHIP	100	5%	1/10W
R6203	1-216-025-91	RES,CHIP	100	5%	1/10W
R6204	1-216-025-91	RES,CHIP	100	5%	1/10W
R6205	1-216-025-91	RES,CHIP	100	5%	1/10W
R6206	1-216-025-91	RES,CHIP	100	5%	1/10W
R6207	1-216-025-91	RES,CHIP	100	5%	1/10W
R6208	1-216-025-91	RES,CHIP	100	5%	1/10W

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R6209	1-216-025-91	RES,CHIP	100	5%	1/10W
R6210	1-216-025-91	RES,CHIP	100	5%	1/10W
R6211	1-216-025-91	RES,CHIP	100	5%	1/10W
R6212	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6213	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6214	1-216-097-91	RES,CHIP	100K	5%	1/10W
R6215	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6216	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6217	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6218	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6219	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6220	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6221	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6222	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6223	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6224	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6225	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6226	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6227	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6228	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R6229	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R6230	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R6231	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R6232	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R6233	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R6234	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R6235	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6236	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6237	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6238	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6239	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6240	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6241	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6242	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6243	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R6244	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R6245	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R6246	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R6247	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R6248	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R6249	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R6250	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6251	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6252	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6253	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6254	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6255	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6256	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6257	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6287	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R6288	1-216-097-91	RES,CHIP	100K	5%	1/10W
R6289	1-216-039-00	RES,CHIP	390	5%	1/10W
R6290	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6291	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R6292	1-216-687-11	METAL CHIP	33K	0.50%	1/10W
R6293	1-216-677-11	METAL CHIP	12K	0.50%	1/10W
R6294	1-216-687-11	METAL CHIP	33K	0.50%	1/10W
R6295	1-216-085-00	RES,CHIP	33K	5%	1/10W
R6296	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6297	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6298	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R6300	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6301	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6302	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6303	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6304	1-216-003-11	RES,CHIP	12	5%	1/10W
R6305	1-216-003-11	RES,CHIP	12	5%	1/10W
R6306	1-216-003-11	RES,CHIP	12	5%	1/10W
R6307	1-216-003-11	RES,CHIP	12	5%	1/10W
R6308	1-216-003-11	RES,CHIP	12	5%	1/10W
R6309	1-216-003-11	RES,CHIP	12	5%	1/10W
R6310	1-216-003-11	RES,CHIP	12	5%	1/10W
R6311	1-216-003-11	RES,CHIP	12	5%	1/10W
R6312	1-216-003-11	RES,CHIP	12	5%	1/10W
R6313	1-216-003-11	RES,CHIP	12	5%	1/10W
R6314	1-216-003-11	RES,CHIP	12	5%	1/10W
R6315	1-216-003-11	RES,CHIP	12	5%	1/10W
R6316	1-216-003-11	RES,CHIP	12	5%	1/10W
R6317	1-216-003-11	RES,CHIP	12	5%	1/10W
R6318	1-216-003-11	RES,CHIP	12	5%	1/10W
R6319	1-216-003-11	RES,CHIP	12	5%	1/10W
R6320	1-216-295-91	SHORT	0		
R6321	1-216-295-91	SHORT	0		
R6322	1-216-295-91	SHORT	0		
R6323	1-216-295-91	SHORT	0		
R6324	1-216-295-91	SHORT	0		
R6325	1-216-295-91	SHORT	0		
R6326	1-216-295-91	SHORT	0		
R6327	1-216-295-91	SHORT	0		
R6328	1-216-003-11	RES,CHIP	12	5%	1/10W
R6329	1-216-003-11	RES,CHIP	12	5%	1/10W
R6330	1-216-003-11	RES,CHIP	12	5%	1/10W
R6331	1-216-003-11	RES,CHIP	12	5%	1/10W
R6332	1-216-003-11	RES,CHIP	12	5%	1/10W
R6333	1-216-003-11	RES,CHIP	12	5%	1/10W
R6334	1-216-003-11	RES,CHIP	12	5%	1/10W
R6335	1-216-003-11	RES,CHIP	12	5%	1/10W
R6336	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6337	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6340	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6341	1-216-097-91	RES,CHIP	100K	5%	1/10W
R6342	1-216-025-91	RES,CHIP	100	5%	1/10W
R6343	1-216-025-91	RES,CHIP	100	5%	1/10W
R6345	1-216-113-00	RES,CHIP	470K	5%	1/10W
R6346	1-216-025-91	RES,CHIP	100	5%	1/10W
R6347	1-216-295-91	SHORT	0		
R6348	1-216-295-91	SHORT	0		
R6349	1-216-295-91	SHORT	0		
R6350	1-216-295-91	SHORT	0		
R6501	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6502	1-216-071-00	RES,CHIP	8.2K	5%	1/10W
R6503	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
R6504	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6505	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R6506	1-216-041-00	RES,CHIP	470	5%	1/10W
R6507	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6508	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6509	1-216-017-91	RES,CHIP	47	5%	1/10W
R6510	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
R6511	1-216-081-00	RES,CHIP	22K	5%	1/10W

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R6512	1-216-081-00	RES,CHIP	22K	5%	1/10W
R6513	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
R6514	1-216-081-00	RES,CHIP	22K	5%	1/10W
R6515	1-216-081-00	RES,CHIP	22K	5%	1/10W
R6516	1-216-051-00	RES,CHIP	1.2K	5%	1/10W
R6517	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6518	1-216-077-00	RES,CHIP	15K	5%	1/10W
R6519	1-216-077-00	RES,CHIP	15K	5%	1/10W
R6520	1-216-025-91	RES,CHIP	100	5%	1/10W
R6521	1-216-033-00	RES,CHIP	220	5%	1/10W
R6522	1-216-049-91	RES,CHIP	1K	5%	1/10W
R6523	1-216-037-00	RES,CHIP	330	5%	1/10W
R6524	1-216-025-91	RES,CHIP	100	5%	1/10W
R6525	1-216-113-00	RES,CHIP	470K	5%	1/10W
R6526	1-216-121-91	RES,CHIP	1M	5%	1/10W
R6527	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6528	1-216-071-00	RES,CHIP	8.2K	5%	1/10W
R6529	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
R6530	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6531	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R6532	1-216-041-00	RES,CHIP	470	5%	1/10W
R6533	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6534	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6535	1-216-017-91	RES,CHIP	47	5%	1/10W
R6536	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
R6537	1-216-081-00	RES,CHIP	22K	5%	1/10W
R6538	1-216-081-00	RES,CHIP	22K	5%	1/10W
R6539	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
R6540	1-216-081-00	RES,CHIP	22K	5%	1/10W
R6541	1-216-081-00	RES,CHIP	22K	5%	1/10W
R6542	1-216-051-00	RES,CHIP	1.2K	5%	1/10W
R6543	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6544	1-216-077-00	RES,CHIP	15K	5%	1/10W
R6545	1-216-077-00	RES,CHIP	15K	5%	1/10W
R6546	1-216-025-91	RES,CHIP	100	5%	1/10W
R6547	1-216-033-00	RES,CHIP	220	5%	1/10W
R6548	1-216-049-91	RES,CHIP	1K	5%	1/10W
R6549	1-216-037-00	RES,CHIP	330	5%	1/10W
R6550	1-216-025-91	RES,CHIP	100	5%	1/10W
R6551	1-216-113-00	RES,CHIP	470K	5%	1/10W
R6552	1-216-121-91	RES,CHIP	1M	5%	1/10W
R6553	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6554	1-216-071-00	RES,CHIP	8.2K	5%	1/10W
R6555	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
R6556	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6557	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R6558	1-216-041-00	RES,CHIP	470	5%	1/10W
R6559	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6560	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6561	1-216-017-91	RES,CHIP	47	5%	1/10W
R6562	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
R6563	1-216-081-00	RES,CHIP	22K	5%	1/10W
R6564	1-216-081-00	RES,CHIP	22K	5%	1/10W
R6565	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
R6566	1-216-081-00	RES,CHIP	22K	5%	1/10W
R6567	1-216-081-00	RES,CHIP	22K	5%	1/10W
R6568	1-216-051-00	RES,CHIP	1.2K	5%	1/10W
R6569	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6570	1-216-077-00	RES,CHIP	15K	5%	1/10W
R6571	1-216-077-00	RES,CHIP	15K	5%	1/10W
R6572	1-216-025-91	RES,CHIP	100	5%	1/10W
R6573	1-216-033-00	RES,CHIP	220	5%	1/10W
R6574	1-216-049-91	RES,CHIP	1K	5%	1/10W
R6575	1-216-037-00	RES,CHIP	330	5%	1/10W
R6576	1-216-025-91	RES,CHIP	100	5%	1/10W
R6577	1-216-113-00	RES,CHIP	470K	5%	1/10W
R6578	1-216-121-91	RES,CHIP	1M	5%	1/10W
R6579	1-216-121-91	RES,CHIP	1M	5%	1/10W
R6580	1-216-121-91	RES,CHIP	1M	5%	1/10W
R6581	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6600	1-216-077-00	RES,CHIP	15K	5%	1/10W
R6601	1-216-077-00	RES,CHIP	15K	5%	1/10W
R6602	1-216-077-00	RES,CHIP	15K	5%	1/10W
R6603	1-216-097-91	RES,CHIP	100K	5%	1/10W
R6604	1-216-097-91	RES,CHIP	100K	5%	1/10W

<SWITCH>

SW6001	1-570-909-21	SWITCH, TACTIL (REFLOW TYPE) (RESET)
SW6002	1-571-967-11	SWITCH, DIP (PIANO TYPE) (STATUS SW)

<TRANSFORMER>

T6501	1-402-640-11	COIL
T6502	1-402-640-11	COIL
T6503	1-402-640-11	COIL

<CRYSTAL>

X6001	1-579-317-11	OSCILLATOR, CRYSTAL (1.8432MHz)
X6002	1-579-319-11	OSCILLATOR, CRYSTAL (24.000MHz)
X6501	1-579-738-21	VIBRATOR, CRYSTAL (14.318MHz)
X6502	1-760-193-11	VIBRATOR, CRYSTAL (14.1875MHz)

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*	A-1394-890-A	MIX BOARD, COMPLETE

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	1-540-151-11	SOCKET, IC
*	4-066-084-01	INSERTER EXTRACTER
	4-334-240-00	HOLDER, LED
	8-759-532-39	IC WS57C256F-55L-(A)

<CAPACITOR>

C3001	1-126-206-11	ELECT CHIP	100MF	20%	6.3V
C3002	1-126-206-11	ELECT CHIP	100MF	20%	6.3V
C3003	1-126-206-11	ELECT CHIP	100MF	20%	6.3V
C3004	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C3005	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C3006	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C3007	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C3008	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C3009	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C3010	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C3011	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C3012	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C3013	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C3014	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C3015	1-163-038-91	CERAMIC CHIP	0.1MF		25V

Rf.NO.	PART NO.	DESCRIPTION	REMARK
C3016	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3017	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3018	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3019	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3020	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3021	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3022	1-126-918-51	ELECT 4700MF 20%	6.3V
C3028	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3029	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3030	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3031	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3032	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3039	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3040	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3041	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3042	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3043	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3044	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3045	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3046	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3047	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3048	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3049	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3050	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3051	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3052	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3053	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3054	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3055	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3056	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3057	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3058	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3059	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3060	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3061	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3062	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3063	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3064	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3065	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3066	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3067	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3068	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3069	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3070	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3071	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3072	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3073	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3074	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3075	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3076	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3077	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3078	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3079	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3080	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3081	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3082	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3083	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3084	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3085	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3086	1-163-038-91	CERAMIC CHIP 0.1MF	25V

Rf.NO.	PART NO.	DESCRIPTION	REMARK
C3087	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3088	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3089	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3090	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3091	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3092	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3093	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3094	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3095	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3096	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3097	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3098	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3099	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3100	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3101	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3102	1-164-004-11	CERAMIC CHIP 0.1MF 10%	25V
C3103	1-164-004-11	CERAMIC CHIP 0.1MF 10%	25V
C3104	1-164-004-11	CERAMIC CHIP 0.1MF 10%	25V
C3105	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3106	1-124-778-00	ELECT CHIP 22MF 20%	6.3V
C3107	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3108	1-124-778-00	ELECT CHIP 22MF 20%	6.3V
C3109	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3110	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3111	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3112	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3113	1-163-245-11	CERAMIC CHIP 56PF 5%	50V
C3114	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3115	1-124-778-00	ELECT CHIP 22MF 20%	6.3V
C3116	1-163-245-11	CERAMIC CHIP 56PF 5%	50V
C3117	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3118	1-124-778-00	ELECT CHIP 22MF 20%	6.3V
C3119	1-163-245-11	CERAMIC CHIP 56PF 5%	50V
C3120	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3121	1-124-778-00	ELECT CHIP 22MF 20%	6.3V
C3122	1-164-004-11	CERAMIC CHIP 0.1MF 10%	25V
C3123	1-164-004-11	CERAMIC CHIP 0.1MF 10%	25V
C3124	1-164-004-11	CERAMIC CHIP 0.1MF 10%	25V
C3125	1-163-222-11	CERAMIC CHIP 5PF 0.25PF	50V
C3126	1-164-004-11	CERAMIC CHIP 0.1MF 10%	25V
C3127	1-163-243-11	CERAMIC CHIP 47PF 5%	50V
C3128	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3129	1-124-778-00	ELECT CHIP 22MF 20%	6.3V
C3130	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3131	1-124-778-00	ELECT CHIP 22MF 20%	6.3V
C3133	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3134	1-124-778-00	ELECT CHIP 22MF 20%	6.3V
C3135	1-126-206-11	ELECT CHIP 100MF 20%	6.3V
C3136	1-126-206-11	ELECT CHIP 100MF 20%	6.3V
C3137	1-163-222-11	CERAMIC CHIP 5PF 0.25PF	50V
C3138	1-163-235-11	CERAMIC CHIP 22PF 5%	50V
C3139	1-163-222-11	CERAMIC CHIP 5PF 0.25PF	50V
C3140	1-163-235-11	CERAMIC CHIP 22PF 5%	50V
C3141	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3142	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3143	1-124-778-00	ELECT CHIP 22MF 20%	6.3V
C3145	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3146	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3147	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C3148	1-163-038-91	CERAMIC CHIP 0.1MF	25V

MIX

Rf.NO.	PART NO.	DESCRIPTION	REMARK
C3149	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3150	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3153	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3154	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3155	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3156	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3157	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3158	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3159	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3160	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3161	1-126-206-11	ELECT CHIP 100MF 20% 6.3V	
C3162	1-126-206-11	ELECT CHIP 100MF 20% 6.3V	
C3163	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3164	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3501	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3502	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3503	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3504	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3505	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3506	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3507	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3508	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3509	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3510	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3511	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3512	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3513	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3514	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3515	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3516	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3517	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3518	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3519	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3520	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3521	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3522	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3523	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3524	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3525	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3526	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3527	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3528	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3529	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3530	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3531	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3532	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3533	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3534	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3535	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3536	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3537	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
C3538	1-163-038-91	CERAMIC CHIP 0.1MF 25V	
		<TRIMMER>	
CV3001	1-141-245-00	CAP, CERAMIC TRIMMER 30PF	
CV3002	1-141-245-00	CAP, CERAMIC TRIMMER 30PF	

Rf.NO.	PART NO.	DESCRIPTION	REMARK
		<DIODE>	
D3001	8-719-955-04	DIODE PY5504S-1	
D3002	8-719-955-04	DIODE PY5504S-1	
		<DELAY LINE>	
DL3001	1-239-636-11	FILTER, LOW PASS	
DL3002	1-239-636-11	FILTER, LOW PASS	
DL3003	1-239-636-11	FILTER, LOW PASS	
		<TEST PIN>	
E3003	1-535-757-11	CHIP, CHECKER	
E3004	1-535-757-11	CHIP, CHECKER	
		<CIRCUIT BREAKER>	
F3001	⚠1-533-983-11	BREAKER, CIRCUIT (3.15A)	
F3002	⚠1-533-983-11	BREAKER, CIRCUIT (3.15A)	
		<FERRITE BEAD>	
FB3001	1-412-390-21	FERRITE 0UH	
FB3002	1-412-390-21	FERRITE 0UH	
		<FILTER>	
FL3001	1-421-773-11	FILTER, NOISE REMOVAL	
FL3002	1-421-773-11	FILTER, NOISE REMOVAL	
FL3003	1-239-558-11	FILTER, CHIP EMI	
FL3004	1-239-558-11	FILTER, CHIP EMI	
FL3005	1-239-558-11	FILTER, CHIP EMI	
FL3006	1-239-558-11	FILTER, CHIP EMI	
FL3007	1-239-558-11	FILTER, CHIP EMI	
FL3008	1-421-773-11	FILTER, NOISE REMOVAL	
		<IC>	
IC3001	8-759-244-85	IC TC74AC574F	
IC3002	8-759-244-85	IC TC74AC574F	
IC3003	8-759-244-85	IC TC74AC574F	
IC3004	8-759-936-13	IC SN74AS885NT	
IC3005	8-759-936-13	IC SN74AS885NT	
IC3006	8-759-936-13	IC SN74AS885NT	
IC3007	8-759-936-13	IC SN74AS885NT	
IC3008	8-759-936-13	IC SN74AS885NT	
IC3009	8-759-936-13	IC SN74AS885NT	
IC3010	8-759-517-93	IC IDT74FCT821ASO	
IC3011	8-759-517-93	IC IDT74FCT821ASO	
IC3012	8-759-517-93	IC IDT74FCT821ASO	
IC3013	8-759-517-93	IC IDT74FCT821ASO	
IC3014	8-759-517-93	IC IDT74FCT821ASO	
IC3015	8-759-517-93	IC IDT74FCT821ASO	
IC3016	8-759-517-93	IC IDT74FCT821ASO	
IC3017	8-759-517-93	IC IDT74FCT821ASO	
IC3018	8-759-517-93	IC IDT74FCT821ASO	
IC3025	8-759-936-31	IC SN74AS30NS	
IC3026	8-759-561-27	IC SN74AS74ANS	
IC3027	8-759-032-11	IC MC74HC04AF	
IC3028	8-759-243-09	IC TC74AC74F	

Rf.NO.	PART NO.	DESCRIPTION	REMARK
IC3029	8-759-243-39	IC TC74AC00F	
IC3036	8-759-244-00	IC TC74AC161F	
IC3037	8-759-244-00	IC TC74AC161F	
IC3038	8-759-244-00	IC TC74AC161F	
IC3039	8-759-244-00	IC TC74AC161F	
IC3040	8-759-243-43	IC TC74AC02F	
IC3041	8-759-244-00	IC TC74AC161F	
IC3042	8-759-243-09	IC TC74AC74F	
IC3043	8-759-243-74	IC TC74AC138F	
IC3044	8-759-244-00	IC TC74AC161F	
IC3045	8-759-244-00	IC TC74AC161F	
IC3046	8-759-244-00	IC TC74AC161F	
IC3047	8-759-244-00	IC TC74AC161F	
IC3048	8-759-243-50	IC TC74AC08F	
IC3049	8-759-439-25	IC TMS4C2972-26DTR	
IC3050	8-759-439-25	IC TMS4C2972-26DTR	
IC3051	8-759-439-25	IC TMS4C2972-26DTR	
IC3052	8-759-510-79	IC IDT74FCT827ASO	
IC3053	8-759-510-79	IC IDT74FCT827ASO	
IC3054	8-759-510-79	IC IDT74FCT827ASO	
IC3055	8-759-244-75	IC TC74AC541F	
IC3056	8-759-925-90	IC SN74HC74ANS	
IC3057	8-759-232-71	IC TC74HC161AF	
IC3058	8-759-233-34	IC TC74HC541AF	
IC3059	8-759-233-42	IC TC74HC574AF	
IC3060	8-759-233-42	IC TC74HC574AF	
IC3061	8-759-233-42	IC TC74HC574AF	
IC3062	8-759-233-34	IC TC74HC541AF	
IC3063	8-759-233-42	IC TC74HC574AF	
IC3064	8-759-233-38	IC TC74HC564AF	
IC3065	8-759-926-11	IC SN74HC138ANS	
IC3066	8-759-926-11	IC SN74HC138ANS	
IC3067	8-759-926-11	IC SN74HC138ANS	
IC3068	8-759-926-11	IC SN74HC138ANS	
IC3069	8-759-032-11	IC MC74HC04AF	
IC3070	8-759-032-01	IC MC74HC00AF	
IC3071	8-759-232-84	IC TC74HC175AF	
IC3072	8-759-925-90	IC SN74HC74ANS	
IC3073	8-759-243-09	IC TC74AC74F	
IC3074	8-759-243-09	IC TC74AC74F	
IC3075	8-759-243-39	IC TC74AC00F	
IC3076	8-759-233-38	IC TC74HC564AF	
IC3077	8-759-233-38	IC TC74HC564AF	
IC3078	8-759-233-38	IC TC74HC564AF	
IC3079	8-759-233-38	IC TC74HC564AF	
IC3080	8-759-233-38	IC TC74HC564AF	
IC3081	8-759-233-38	IC TC74HC564AF	
IC3082	8-759-233-38	IC TC74HC564AF	
IC3083	8-759-233-38	IC TC74HC564AF	
IC3084	8-759-244-00	IC TC74AC161F	
IC3085	8-759-244-00	IC TC74AC161F	
IC3086	8-759-244-00	IC TC74AC161F	
IC3087	8-759-244-00	IC TC74AC161F	
IC3088	8-759-244-00	IC TC74AC161F	
IC3089	8-759-244-00	IC TC74AC161F	
IC3090	8-759-232-71	IC TC74HC161AF	
IC3091	8-759-232-71	IC TC74HC161AF	
IC3092	8-759-232-71	IC TC74HC161AF	
IC3093	8-759-232-71	IC TC74HC161AF	
IC3094	8-759-232-71	IC TC74HC161AF	
IC3095	8-759-232-71	IC TC74HC161AF	
IC3096	8-759-243-39	IC TC74AC00F	
IC3097	8-759-439-25	IC TMS4C2972-26DTR	
IC3098	8-759-439-25	IC TMS4C2972-26DTR	
IC3099	8-752-338-46	IC CXD1178Q	
IC3100	8-759-244-00	IC TC74AC161F	
IC3101	8-759-244-00	IC TC74AC161F	
IC3102	8-759-244-00	IC TC74AC161F	
IC3103	8-752-068-43	IC CXA1645M	
IC3104	8-759-243-39	IC TC74AC00F	
IC3105	8-759-243-09	IC TC74AC74F	
IC3106	8-759-243-39	IC TC74AC00F	
IC3107	8-759-233-34	IC TC74HC541AF	
IC3108	8-759-544-38	IC IDT70261S25PF	
IC3109	8-759-544-38	IC IDT70261S25PF	
IC3110	8-759-544-38	IC IDT70261S25PF	
IC3111	8-759-926-11	IC SN74HC138ANS	
IC3112	8-759-925-78	IC SN74HC10ANS	
IC3113	8-759-243-50	IC TC74AC08F	
IC3114	8-759-243-50	IC TC74AC08F	
IC3501	8-759-544-94	IC TC74LCX541F	
IC3502	8-759-544-94	IC TC74LCX541F	
IC3503	8-759-544-94	IC TC74LCX541F	
IC3504	8-759-544-94	IC TC74LCX541F	
IC3505	8-759-544-94	IC TC74LCX541F	
IC3506	8-759-544-94	IC TC74LCX541F	
IC3508	8-759-925-90	IC SN74HC74ANS	
IC3509	8-759-232-71	IC TC74HC161AF	
IC3510	8-759-232-71	IC TC74HC161AF	
IC3511	8-759-232-71	IC TC74HC161AF	
IC3512	8-759-232-71	IC TC74HC161AF	
IC3513	8-759-244-00	IC TC74AC161F	
IC3514	8-759-232-71	IC TC74HC161AF	
IC3515	8-759-561-30	IC WS57C256F-55L-(A)-MXP	
IC3516	8-759-561-31	IC WS57C256F-55L-(A)-MXC	
IC3517	8-759-925-78	IC SN74HC10ANS	
IC3518	8-759-032-01	IC MC74HC00AF	
IC3519	8-759-232-71	IC TC74HC161AF	
		<COIL>	
L3001	1-410-204-31	INDUCTOR CHIP	10UH
L3002	1-410-204-31	INDUCTOR CHIP	10UH
L3003	1-410-204-31	INDUCTOR CHIP	10UH
L3004	1-410-204-31	INDUCTOR CHIP	10UH
L3005	1-410-204-31	INDUCTOR CHIP	10UH
L3007	1-410-204-31	INDUCTOR CHIP	10UH
L3008	1-410-204-31	INDUCTOR CHIP	10UH
		<TRANSISTOR>	
Q3001	8-729-216-22	TRANSISTOR 2SA1162-G	
Q3002	8-729-216-22	TRANSISTOR 2SA1162-G	
Q3003	8-729-216-22	TRANSISTOR 2SA1162-G	
Q3004	8-729-216-22	TRANSISTOR 2SA1162-G	
Q3005	8-729-216-22	TRANSISTOR 2SA1162-G	
Q3006	8-729-216-22	TRANSISTOR 2SA1162-G	
Q3007	8-729-900-53	TRANSISTOR DTC114EK	
Q3008	8-729-900-53	TRANSISTOR DTC114EK	

MIX

Rf.NO.	PART NO.	DESCRIPTION			REMARK
	<RESISTOR>				
R3001	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3002	1-216-025-91	RES,CHIP	100	5%	1/10W
R3003	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3004	1-216-025-91	RES,CHIP	100	5%	1/10W
R3005	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3006	1-216-025-91	RES,CHIP	100	5%	1/10W
R3007	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3008	1-216-025-91	RES,CHIP	100	5%	1/10W
R3009	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3010	1-216-025-91	RES,CHIP	100	5%	1/10W
R3011	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3012	1-216-025-91	RES,CHIP	100	5%	1/10W
R3013	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3014	1-216-025-91	RES,CHIP	100	5%	1/10W
R3015	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3016	1-216-025-91	RES,CHIP	100	5%	1/10W
R3017	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3018	1-216-025-91	RES,CHIP	100	5%	1/10W
R3019	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3020	1-216-025-91	RES,CHIP	100	5%	1/10W
R3021	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3022	1-216-017-91	RES,CHIP	47	5%	1/10W
R3023	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3024	1-216-025-91	RES,CHIP	100	5%	1/10W
R3025	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3026	1-216-025-91	RES,CHIP	100	5%	1/10W
R3027	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3028	1-216-017-91	RES,CHIP	47	5%	1/10W
R3029	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3030	1-216-017-91	RES,CHIP	47	5%	1/10W
R3031	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3032	1-216-017-91	RES,CHIP	47	5%	1/10W
R3033	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3034	1-216-017-91	RES,CHIP	47	5%	1/10W
R3035	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3036	1-216-017-91	RES,CHIP	47	5%	1/10W
R3037	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3038	1-216-017-91	RES,CHIP	47	5%	1/10W
R3039	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3040	1-216-017-91	RES,CHIP	47	5%	1/10W
R3041	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3042	1-216-017-91	RES,CHIP	47	5%	1/10W
R3043	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3044	1-216-017-91	RES,CHIP	47	5%	1/10W
R3045	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3046	1-216-017-91	RES,CHIP	47	5%	1/10W
R3047	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3048	1-216-025-91	RES,CHIP	100	5%	1/10W
R3049	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3050	1-216-025-91	RES,CHIP	100	5%	1/10W
R3051	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3052	1-216-025-91	RES,CHIP	100	5%	1/10W
R3053	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3054	1-216-025-91	RES,CHIP	100	5%	1/10W
R3055	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3056	1-216-025-91	RES,CHIP	100	5%	1/10W
R3057	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3058	1-216-025-91	RES,CHIP	100	5%	1/10W
R3059	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3060	1-216-025-91	RES,CHIP	100	5%	1/10W
R3061	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3062	1-216-025-91	RES,CHIP	100	5%	1/10W
R3063	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3064	1-216-017-91	RES,CHIP	47	5%	1/10W
R3065	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3066	1-216-025-91	RES,CHIP	100	5%	1/10W
R3067	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3068	1-216-025-91	RES,CHIP	100	5%	1/10W
R3069	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3070	1-216-025-91	RES,CHIP	100	5%	1/10W
R3071	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3072	1-216-025-91	RES,CHIP	100	5%	1/10W
R3073	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3074	1-216-025-91	RES,CHIP	100	5%	1/10W
R3075	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3076	1-216-017-91	RES,CHIP	47	5%	1/10W
R3077	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3078	1-216-017-91	RES,CHIP	47	5%	1/10W
R3079	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3080	1-216-017-91	RES,CHIP	47	5%	1/10W
R3081	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3082	1-216-017-91	RES,CHIP	47	5%	1/10W
R3083	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3084	1-216-017-91	RES,CHIP	47	5%	1/10W
R3085	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3086	1-216-017-91	RES,CHIP	47	5%	1/10W
R3087	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3088	1-216-017-91	RES,CHIP	47	5%	1/10W
R3089	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3090	1-216-017-91	RES,CHIP	47	5%	1/10W
R3091	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3092	1-216-017-91	RES,CHIP	47	5%	1/10W
R3093	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3094	1-216-017-91	RES,CHIP	47	5%	1/10W
R3095	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3096	1-216-025-91	RES,CHIP	100	5%	1/10W
R3097	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3098	1-216-025-91	RES,CHIP	100	5%	1/10W
R3099	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3100	1-216-025-91	RES,CHIP	100	5%	1/10W
R3101	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3102	1-216-025-91	RES,CHIP	100	5%	1/10W
R3103	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3104	1-216-017-91	RES,CHIP	47	5%	1/10W
R3105	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3106	1-216-017-91	RES,CHIP	47	5%	1/10W
R3107	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3108	1-216-017-91	RES,CHIP	47	5%	1/10W
R3109	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3110	1-216-017-91	RES,CHIP	47	5%	1/10W
R3111	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3112	1-216-017-91	RES,CHIP	47	5%	1/10W
R3113	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3114	1-216-017-91	RES,CHIP	47	5%	1/10W
R3115	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3116	1-216-017-91	RES,CHIP	47	5%	1/10W
R3117	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3118	1-216-017-91	RES,CHIP	47	5%	1/10W
R3119	1-216-097-91	RES,CHIP	100K	5%	1/10W

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R3120	1-216-017-91	RES,CHIP	47	5%	1/10W
R3121	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3122	1-216-017-91	RES,CHIP	47	5%	1/10W
R3123	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3124	1-216-017-91	RES,CHIP	47	5%	1/10W
R3125	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3126	1-216-017-91	RES,CHIP	47	5%	1/10W
R3127	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3128	1-216-017-91	RES,CHIP	47	5%	1/10W
R3129	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3130	1-216-017-91	RES,CHIP	47	5%	1/10W
R3131	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3132	1-216-017-91	RES,CHIP	47	5%	1/10W
R3133	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3134	1-216-017-91	RES,CHIP	47	5%	1/10W
R3135	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3136	1-216-017-91	RES,CHIP	47	5%	1/10W
R3137	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3138	1-216-017-91	RES,CHIP	47	5%	1/10W
R3139	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3140	1-216-017-91	RES,CHIP	47	5%	1/10W
R3141	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3142	1-216-017-91	RES,CHIP	47	5%	1/10W
R3143	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3144	1-216-017-91	RES,CHIP	47	5%	1/10W
R3145	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3146	1-216-017-91	RES,CHIP	47	5%	1/10W
R3147	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3148	1-216-017-91	RES,CHIP	47	5%	1/10W
R3149	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3150	1-216-017-91	RES,CHIP	47	5%	1/10W
R3151	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3152	1-216-017-91	RES,CHIP	47	5%	1/10W
R3153	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3154	1-216-017-91	RES,CHIP	47	5%	1/10W
R3155	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3156	1-216-017-91	RES,CHIP	47	5%	1/10W
R3157	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3158	1-216-017-91	RES,CHIP	47	5%	1/10W
R3159	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3160	1-216-017-91	RES,CHIP	47	5%	1/10W
R3161	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3162	1-216-017-91	RES,CHIP	47	5%	1/10W
R3163	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3164	1-216-017-91	RES,CHIP	47	5%	1/10W
R3165	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3166	1-216-017-91	RES,CHIP	47	5%	1/10W
R3167	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3168	1-216-017-91	RES,CHIP	47	5%	1/10W
R3169	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3170	1-216-017-91	RES,CHIP	47	5%	1/10W
R3171	1-216-041-00	RES,CHIP	470	5%	1/10W
R3172	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3173	1-216-025-91	RES,CHIP	100	5%	1/10W
R3174	1-216-663-11	METAL CHIP	3.3K	0.50%	1/10W
R3175	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R3176	1-216-671-11	METAL CHIP	6.8K	0.50%	1/10W
R3177	1-216-634-11	METAL CHIP	200	0.50%	1/10W
R3178	1-216-049-91	RES,CHIP	1K	5%	1/10W
R3179	1-216-043-91	RES,CHIP	560	5%	1/10W
R3180	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R3181	1-216-049-91	RES,CHIP	1K	5%	1/10W
R3182	1-216-634-11	METAL CHIP	200	0.50%	1/10W
R3183	1-216-049-91	RES,CHIP	1K	5%	1/10W
R3184	1-216-043-91	RES,CHIP	560	5%	1/10W
R3185	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R3186	1-216-049-91	RES,CHIP	1K	5%	1/10W
R3187	1-216-634-11	METAL CHIP	200	0.50%	1/10W
R3188	1-216-049-91	RES,CHIP	1K	5%	1/10W
R3189	1-216-043-91	RES,CHIP	560	5%	1/10W
R3190	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R3191	1-216-049-91	RES,CHIP	1K	5%	1/10W
R3193	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R3194	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R3195	1-216-089-91	RES,CHIP	47K	5%	1/10W
R3196	1-216-679-11	METAL CHIP	15K	0.50%	1/10W
R3197	1-216-651-11	METAL CHIP	1K	0.50%	1/10W
R3198	1-216-662-11	METAL CHIP	3K	0.50%	1/10W
R3199	1-216-651-11	METAL CHIP	1K	0.50%	1/10W
R3200	1-216-029-00	RES,CHIP	150	5%	1/10W
R3201	1-216-029-00	RES,CHIP	150	5%	1/10W
R3202	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3203	1-216-121-91	RES,CHIP	1M	5%	1/10W
R3204	1-216-121-91	RES,CHIP	1M	5%	1/10W
R3205	1-216-049-91	RES,CHIP	1K	5%	1/10W
R3206	1-216-049-91	RES,CHIP	1K	5%	1/10W
R3207	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3208	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3209	1-216-025-91	RES,CHIP	100	5%	1/10W
R3210	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3215	1-216-025-91	RES,CHIP	100	5%	1/10W
R3216	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3217	1-216-025-91	RES,CHIP	100	5%	1/10W
R3218	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3219	1-216-025-91	RES,CHIP	100	5%	1/10W
R3220	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3221	1-216-025-91	RES,CHIP	100	5%	1/10W
R3222	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3223	1-216-025-91	RES,CHIP	100	5%	1/10W
R3224	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3225	1-216-025-91	RES,CHIP	100	5%	1/10W
R3226	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3227	1-216-025-91	RES,CHIP	100	5%	1/10W
R3228	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3229	1-216-025-91	RES,CHIP	100	5%	1/10W
R3230	1-216-295-91	SHORT	0		
R3231	1-216-295-91	SHORT	0		
R3300	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3301	1-216-025-91	RES,CHIP	100	5%	1/10W
R3302	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3310	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3311	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3312	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3313	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3314	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3315	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3316	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3317	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3318	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3319	1-216-097-91	RES,CHIP	100K	5%	1/10W

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R3320	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3321	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3322	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3323	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3324	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3325	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3326	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3327	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3328	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3329	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3330	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3331	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3332	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3333	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3334	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3335	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3336	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3337	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3338	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3339	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3340	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3341	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3342	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3343	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3344	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3345	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3346	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3347	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3348	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3349	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3350	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3351	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3352	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3353	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3354	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3355	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3356	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3357	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3358	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3359	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3360	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3361	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3362	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3363	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3364	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3365	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3366	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3367	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3368	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3369	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3400	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3401	1-216-025-91	RES,CHIP	100	5%	1/10W
R3402	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3403	1-216-025-91	RES,CHIP	100	5%	1/10W
R3404	1-216-025-91	RES,CHIP	100	5%	1/10W
R3405	1-216-097-91	RES,CHIP	100K	5%	1/10W
R3406	1-216-037-00	RES,CHIP	330	5%	1/10W

Rf.NO.	PART NO.	DESCRIPTION			REMARK
		<TEST PIN>			
TP3001	1-535-757-11	CHIP, CHECKER”			
TP3002	1-535-757-11	CHIP, CHECKER”			
TP3003	1-535-757-11	CHIP, CHECKER”			
TP3004	1-535-757-11	CHIP, CHECKER”			
		<CRYSTAL>			
X3001	1-579-738-21	VIBRATOR, CRYSTAL (14.318MHz)			
X3002	1-579-780-21	VIBRATOR, CRYSTAL (17.734MHz)			
X3501	1-760-842-11	OSCILLATOR, CRYSTAL (60MHz)			
**********					
	* A-1394-891-A	EDD BOARD, COMPLETE			
		**********			
	1-668-732-11	PWB, EDD			
	* 4-066-084-01	INSERTER EXTRACTER			
	4-334-240-00	HOLDER, LED			
		<CAPACITOR>			
C1001	1-126-395-11	ELECT CHIP	22MF	20%	16V
C1002	1-126-395-11	ELECT CHIP	22MF	20%	16V
C1003	1-163-222-11	CERAMIC CHIP	5PF	0.25PF	50V
C1004	1-163-222-11	CERAMIC CHIP	5PF	0.25PF	50V
C1005	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1006	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1007	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1008	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1009	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1010	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1011	1-126-396-11	ELECT CHIP	47MF	20%	16V
C1012	1-126-396-11	ELECT CHIP	47MF	20%	16V
C1013	1-126-396-11	ELECT CHIP	47MF	20%	16V
C1014	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1015	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1016	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1017	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1018	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1019	1-128-007-11	ELECT CHIP	2.2MF	20%	35V
C1020	1-128-007-11	ELECT CHIP	2.2MF	20%	35V
C1021	1-128-007-11	ELECT CHIP	2.2MF	20%	35V
C1022	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1023	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1024	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1025	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1026	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1027	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1028	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1029	1-126-391-11	ELECT CHIP	47MF	20%	6.3V
C1030	1-163-131-00	CERAMIC CHIP	390PF	5%	50V
C1031	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1032	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1033	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1034	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1035	1-163-239-11	CERAMIC CHIP	33PF		5% 50V
C1036	1-163-239-11	CERAMIC CHIP	33PF	5%	50V
C1037	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1038	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1039	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1040	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V

Rf.NO.	PART NO.	DESCRIPTION	REMARK
C1041	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1042	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1043	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1044	1-126-391-11	ELECT CHIP 47MF	20% 6.3V
C1045	1-126-391-11	ELECT CHIP 47MF	20% 6.3V
C1046	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1047	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1048	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1049	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1050	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1051	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1052	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1053	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1054	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1101	1-126-396-11	ELECT CHIP 47MF	20% 16V
C1102	1-126-396-11	ELECT CHIP 47MF	20% 16V
C1103	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1104	1-126-395-11	ELECT CHIP 22MF	20% 16V
C1105	1-126-395-11	ELECT CHIP 22MF	20% 16V
C1106	1-163-235-11	CERAMIC CHIP 22PF	5% 50V
C1107	1-163-222-11	CERAMIC CHIP 5PF	0.25PF 50V
C1108	1-163-222-11	CERAMIC CHIP 5PF	0.25PF 50V
C1109	1-126-395-11	ELECT CHIP 22MF	20% 16V
C1110	1-128-004-11	ELECT CHIP 10MF	20% 16V
C1111	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1112	1-128-004-11	ELECT CHIP 10MF	20% 16V
C1113	1-128-004-11	ELECT CHIP 10MF	20% 16V
C1114	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1115	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1116	1-126-396-11	ELECT CHIP 47MF	20% 16V
C1117	1-126-396-11	ELECT CHIP 47MF	20% 16V
C1118	1-128-004-11	ELECT CHIP 10MF	20% 16V
C1119	1-163-227-11	CERAMIC CHIP 10PF	0.5PF 50V
C1120	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1121	1-126-396-11	ELECT CHIP 47MF	20% 16V
C1122	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1123	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1124	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1125	1-163-021-91	CERAMIC CHIP 0.01MF	10% 50V
C1126	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1127	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1128	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1129	1-128-004-11	ELECT CHIP 10MF	20% 16V
C1130	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1131	1-126-396-11	ELECT CHIP 47MF	20% 16V
C1132	1-126-396-11	ELECT CHIP 47MF	20% 16V
C1133	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1134	1-128-004-11	ELECT CHIP 10MF	20% 16V
C1135	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1136	1-128-004-11	ELECT CHIP 10MF	20% 16V
C1137	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1138	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1139	1-128-004-11	ELECT CHIP 10MF	20% 16V
C1140	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1141	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1142	1-128-004-11	ELECT CHIP 10MF	20% 16V
C1143	1-128-004-11	ELECT CHIP 10MF	20% 16V
C1144	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1145	1-163-275-11	CERAMIC CHIP 0.001MF	5% 50V
C1146	1-128-006-11	ELECT CHIP 4.7MF	20% 25V
C1147	1-163-021-91	CERAMIC CHIP 0.01MF	10% 50V
C1148	1-163-021-91	CERAMIC CHIP 0.01MF	10% 50V
C1149	1-163-089-00	CERAMIC CHIP 6PF	0.5PF 50V
C1150	1-163-021-91	CERAMIC CHIP 0.01MF	10% 50V
C1151	1-163-021-91	CERAMIC CHIP 0.01MF	10% 50V
C1152	1-126-391-11	ELECT CHIP 47MF	20% 6.3V
C1153	1-128-004-11	ELECT CHIP 10MF	20% 16V
C1154	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1155	1-128-004-11	ELECT CHIP 10MF	20% 16V
C1156	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1157	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1158	1-128-004-11	ELECT CHIP 10MF	20% 16V
C1201	1-128-007-11	ELECT CHIP 2.2MF	20% 35V
C1202	1-128-013-11	ELECT CHIP 1MF	20% 50V
C1203	1-164-489-11	CERAMIC CHIP 0.22MF	10% 16V
C1204	1-164-489-11	CERAMIC CHIP 0.22MF	10% 16V
C1205	1-164-489-11	CERAMIC CHIP 0.22MF	10% 16V
C1206	1-164-489-11	CERAMIC CHIP 0.22MF	10% 16V
C1207	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1208	1-164-489-11	CERAMIC CHIP 0.22MF	10% 16V
C1209	1-163-133-00	CERAMIC CHIP 470PF	5% 50V
C1210	1-164-489-11	CERAMIC CHIP 0.22MF	10% 16V
C1211	1-164-489-11	CERAMIC CHIP 0.22MF	10% 16V
C1212	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1213	1-164-489-11	CERAMIC CHIP 0.22MF	10% 16V
C1214	1-163-133-00	CERAMIC CHIP 470PF	5% 50V
C1215	1-126-396-11	ELECT CHIP 47MF	20% 16V
C1216	1-163-133-00	CERAMIC CHIP 470PF	5% 50V
C1217	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1218	1-163-275-11	CERAMIC CHIP 0.001MF	5% 50V
C1219	1-128-013-11	ELECT CHIP 1MF	20% 50V
C1220	1-128-013-11	ELECT CHIP 1MF	20% 50V
C1221	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1222	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1223	1-163-021-91	CERAMIC CHIP 0.01MF	10% 50V
C1224	1-163-021-91	CERAMIC CHIP 0.01MF	10% 50V
C1225	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1226	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1227	1-163-243-11	CERAMIC CHIP 47PF	5% 50V
C1228	1-164-182-11	CERAMIC CHIP 0.0033MF	10% 50V
C1229	1-164-182-11	CERAMIC CHIP 0.0033MF	10% 50V
C1230	1-128-004-11	ELECT CHIP 10MF	20% 16V
C1231	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1232	1-126-396-11	ELECT CHIP 47MF	20% 16V
C1233	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1234	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1235	1-164-489-11	CERAMIC CHIP 0.22MF	10% 16V
C1236	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1237	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1238	1-128-004-11	ELECT CHIP 10MF	20% 16V
C1239	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1240	1-128-004-11	ELECT CHIP 10MF	20% 16V
C1241	1-128-004-11	ELECT CHIP 10MF	20% 16V
C1242	1-126-396-11	ELECT CHIP 47MF	20% 16V
C1243	1-126-396-11	ELECT CHIP 47MF	20% 16V
C1244	1-126-396-11	ELECT CHIP 47MF	20% 16V
C1245	1-128-004-11	ELECT CHIP 10MF	20% 16V
C1246	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1247	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C1248	1-128-004-11	ELECT CHIP 10MF	20% 16V

Rf.NO.	PART NO.	DESCRIPTION			REMARK
C1249	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1250	1-126-396-11	ELECT CHIP	47MF	20%	16V
C1251	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1252	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1253	1-128-357-11	ELECT CHIP	10MF	20%	16V
C1254	1-128-357-11	ELECT CHIP	10MF	20%	16V
C1255	1-126-396-11	ELECT CHIP	47MF	20%	16V
C1256	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1258	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1259	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1260	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1261	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1262	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1263	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1264	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1265	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1266	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1267	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1268	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1269	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C1270	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C1271	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C1272	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1273	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1274	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1275	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1276	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1277	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1278	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C1279	1-128-357-11	ELECT CHIP	10MF	20%	16V
C1280	1-128-357-11	ELECT CHIP	10MF	20%	16V
C1281	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C1282	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1283	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1284	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1285	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1286	1-128-012-11	ELECT CHIP	0.47MF	20%	50V
C1287	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1288	1-128-006-11	ELECT CHIP	4.7MF	20%	25V
C1289	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C1290	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C1291	1-164-346-11	CERAMIC CHIP	1MF		16V
C1292	1-128-012-11	ELECT CHIP	0.47MF	20%	50V
C1293	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C1294	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C1295	1-126-395-11	ELECT CHIP	22MF	20%	16V
C1298	1-128-012-11	ELECT CHIP	0.47MF	20%	50V
C1299	1-128-007-11	ELECT CHIP	2.2MF	20%	35V
C1301	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
C1302	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1303	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1304	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1305	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1306	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1307	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1308	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
C1309	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
C1310	1-126-396-11	ELECT CHIP	47MF	20%	16V
C1311	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1316	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V

Rf.NO.	PART NO.	DESCRIPTION			REMARK
C1317	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1318	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1319	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1320	1-126-396-11	ELECT CHIP	47MF	20%	16V
C1321	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1322	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1323	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1326	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1327	1-126-396-11	ELECT CHIP	47MF	20%	16V
C1328	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1329	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1330	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1331	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1332	1-126-396-11	ELECT CHIP	47MF	20%	16V
C1339	1-164-489-11	CERAMIC CHIP	0.22MF	10%	16V
C1340	1-164-489-11	CERAMIC CHIP	0.22MF	10%	16V
C1341	1-163-275-11	CERAMIC CHIP	0.001MF	5%	50V
C1342	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1343	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1344	1-163-275-11	CERAMIC CHIP	0.001MF	5%	50V
C1345	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1346	1-163-275-11	CERAMIC CHIP	0.001MF	5%	50V
C1347	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1348	1-163-275-11	CERAMIC CHIP	0.001MF	5%	50V
C1349	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1350	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1351	1-163-237-11	CERAMIC CHIP	27PF	5%	50V
C1400	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C1401	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1402	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1403	1-126-396-11	ELECT CHIP	47MF	20%	16V
C1404	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1405	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1406	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1407	1-126-391-11	ELECT CHIP	47MF	20%	6.3V
C1408	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1409	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1410	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1411	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1412	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1413	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1414	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1415	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1416	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1417	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1418	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1419	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1422	1-126-391-11	ELECT CHIP	47MF	20%	6.3V
C1423	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1424	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1425	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1426	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1427	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1428	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C1429	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1430	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1431	1-126-396-11	ELECT CHIP	47MF	20%	16V
C1432	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1433	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1434	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V

Rf.NO.	PART NO.	DESCRIPTION			REMARK
C1435	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1436	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1438	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1439	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1440	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1441	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1442	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1443	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1444	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1445	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1446	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1447	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1448	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1449	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1450	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1451	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1452	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1455	1-126-391-11	ELECT CHIP	47MF	20%	6.3V
C1456	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C1457	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1458	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1459	1-126-396-11	ELECT CHIP	47MF	20%	16V
C1460	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1461	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1462	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1463	1-126-391-11	ELECT CHIP	47MF	20%	6.3V
C1464	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1465	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1466	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1467	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1468	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1469	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1470	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1471	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1472	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1473	1-126-391-11	ELECT CHIP	47MF	20%	6.3V
C1474	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1475	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1476	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1477	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1479	1-126-391-11	ELECT CHIP	47MF	20%	6.3V
C1480	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1481	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1482	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1483	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1484	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1485	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1486	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1487	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1488	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1489	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1490	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1491	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1492	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1493	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1494	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1495	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1496	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1501	1-126-391-11	ELECT CHIP	47MF	20%	6.3V
C1502	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V

Rf.NO.	PART NO.	DESCRIPTION			REMARK
C1503	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1504	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1505	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1506	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1507	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1508	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1509	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1510	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1511	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1512	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1513	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1514	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1515	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1516	1-126-391-11	ELECT CHIP	47MF	20%	6.3V
C1517	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C1518	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1519	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1520	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1521	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1522	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1523	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1524	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1525	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C1526	1-126-391-11	ELECT CHIP	47MF	20%	6.3V
C1527	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1528	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1529	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1530	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1531	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1532	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1533	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1534	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1535	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1536	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1537	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1538	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1539	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1540	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1541	1-126-391-11	ELECT CHIP	47MF	20%	6.3V
C1542	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C1543	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1544	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1545	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1546	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1547	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1548	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1549	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1550	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C1551	1-126-391-11	ELECT CHIP	47MF	20%	6.3V
C1552	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1553	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1554	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1555	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1556	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1557	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1558	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1559	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1560	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1561	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1562	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V

Rf.NO.	PART NO.	DESCRIPTION			REMARK
C1563	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1564	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1565	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1566	1-126-391-11	ELECT CHIP	47MF	20%	6.3V
C1567	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C1568	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1569	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1570	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1571	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1572	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1573	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1574	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1575	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C1701	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1702	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1703	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1704	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1705	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1706	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1707	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1708	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1709	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1710	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1711	1-126-391-11	ELECT CHIP	47MF	20%	6.3V
C1712	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1713	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1714	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1715	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1716	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1717	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1718	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1719	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1720	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1721	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1722	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1723	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1724	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1725	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1726	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1727	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1728	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1729	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1730	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1731	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1732	1-126-391-11	ELECT CHIP	47MF	20%	6.3V
C1733	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1734	1-126-391-11	ELECT CHIP	47MF	20%	6.3V
C1735	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1736	1-126-391-11	ELECT CHIP	47MF	20%	6.3V
C1737	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1738	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1739	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1740	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1741	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1742	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1743	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1744	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1745	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1746	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1750	1-128-004-11	ELECT CHIP	10MF	20%	16V

Rf.NO.	PART NO.	DESCRIPTION			REMARK
C1801	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1802	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1803	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1804	1-126-391-11	ELECT CHIP	47MF	20%	6.3V
C1805	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1806	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1807	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1808	1-126-391-11	ELECT CHIP	47MF	20%	6.3V
C1809	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1850	1-126-396-11	ELECT CHIP	47MF	20%	16V
C1851	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1852	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1853	1-126-396-11	ELECT CHIP	47MF	20%	16V
C1854	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1855	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1856	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1857	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1858	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1859	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1860	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1861	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1862	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1863	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1864	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1865	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1866	1-126-396-11	ELECT CHIP	47MF	20%	16V
C1867	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1868	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1869	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1870	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1871	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1872	1-163-275-11	CERAMIC CHIP	0.001MF	5%	50V
C1873	1-126-396-11	ELECT CHIP	47MF	20%	16V
C1874	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1875	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C1876	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1877	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1878	1-128-004-11	ELECT CHIP	10MF	20%	16V
C1880	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1881	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1882	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1883	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1884	1-126-391-11	ELECT CHIP	47MF	20%	6.3V
C1885	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1886	1-126-391-11	ELECT CHIP	47MF	20%	6.3V
C1887	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1888	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1889	1-126-391-11	ELECT CHIP	47MF	20%	6.3V
C1890	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C1891	1-126-391-11	ELECT CHIP	47MF	20%	6.3V
C1951	1-126-937-11	ELECT	4700MF	20%	16V
C1952	1-126-937-11	ELECT	4700MF	20%	16V
C1953	1-126-937-11	ELECT	4700MF	20%	16V
C1954	1-126-937-11	ELECT	4700MF	20%	16V
C1955	1-126-396-11	ELECT CHIP	47MF	20%	16V
C1956	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C1957	1-126-395-11	ELECT CHIP	22MF	20%	16V
C1958	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V

Rf.NO.	PART NO.	DESCRIPTION	REMARK
		<CONNECTOR>	
CN1701	* 1-564-509-11	PLUG, CONNECTOR 6P	
CN1851	1-564-506-11	PLUG, CONNECTOR 3P	
		<DIODE>	
D1001	8-719-914-43	DIODE DAN202K	
D1101	8-719-106-53	DIODE RD10M-B2	
D1102	8-719-106-53	DIODE RD10M-B2	
D1103	8-719-106-53	DIODE RD10M-B2	
D1104	8-719-106-53	DIODE RD10M-B2	
D1201	8-719-106-53	DIODE RD10M-B2	
D1202	8-719-106-53	DIODE RD10M-B2	
D1203	8-719-914-43	DIODE DAN202K	
D1204	8-719-106-53	DIODE RD10M-B2	
D1205	8-719-106-53	DIODE RD10M-B2	
D1206	8-719-106-53	DIODE RD10M-B2	
D1207	8-719-106-53	DIODE RD10M-B2	
D1208	8-719-106-53	DIODE RD10M-B2	
D1502	8-719-021-31	DIODE UZM5.1B	
D1504	8-719-021-31	DIODE UZM5.1B	
D1506	8-719-021-31	DIODE UZM5.1B	
D1701	8-719-021-31	DIODE UZM5.1B	
D1850	8-719-987-87	DIODE ERA85-009	
D1851	8-719-914-43	DIODE DAN202K	
D1854	8-719-955-04	DIODE PY5504S-1	
D1855	8-719-955-04	DIODE PY5504S-1	
D1856	8-719-955-04	DIODE PY5504S-1	
		<FILTER>	
F1851	1-421-773-11	FILTER, NOISE REMOVAL	
F1852	1-421-773-11	FILTER, NOISE REMOVAL	
F1853	1-421-773-11	FILTER, NOISE REMOVAL	
F1854	1-421-773-11	FILTER, NOISE REMOVAL	
F1855	1-421-773-11	FILTER, NOISE REMOVAL	
		<FERRITE BEAD>	
FB1001	1-500-245-11	FERRITE 0UH	
FB1002	1-500-245-11	FERRITE 0UH	
FB1003	1-500-245-11	FERRITE 0UH	
FB1101	1-500-245-11	FERRITE 0UH	
FB1102	1-500-245-11	FERRITE 0UH	
FB1103	1-500-245-11	FERRITE 0UH	
FB1104	1-500-245-11	FERRITE 0UH	
FB1105	1-500-245-11	FERRITE 0UH	
FB1201	1-500-245-11	FERRITE 0UH	
FB1202	1-500-245-11	FERRITE 0UH	
FB1501	1-500-245-11	FERRITE 0UH	
FB1502	1-500-245-11	FERRITE 0UH	
FB1503	1-500-245-11	FERRITE 0UH	
FB1504	1-500-245-11	FERRITE 0UH	
FB1505	1-500-245-11	FERRITE 0UH	
FB1506	1-500-245-11	FERRITE 0UH	
FB1507	1-500-245-11	FERRITE 0UH	
FB1508	1-500-245-11	FERRITE 0UH	
FB1509	1-500-245-11	FERRITE 0UH	
FB1510	1-500-245-11	FERRITE 0UH	
FB1511	1-500-245-11	FERRITE 0UH	
FB1512	1-500-245-11	FERRITE 0UH	
FB1513	1-500-245-11	FERRITE 0UH	
FB1514	1-500-245-11	FERRITE 0UH	
FB1515	1-500-245-11	FERRITE 0UH	
FB1516	1-500-245-11	FERRITE 0UH	
FB1517	1-500-245-11	FERRITE 0UH	
FB1518	1-500-245-11	FERRITE 0UH	
FB1701	1-500-245-11	FERRITE 0UH	
FB1702	1-500-245-11	FERRITE 0UH	
FB1703	1-500-245-11	FERRITE 0UH	
FB1704	1-500-245-11	FERRITE 0UH	
FB1850	1-500-245-11	FERRITE 0UH	
FB1851	1-500-245-11	FERRITE 0UH	
FB1853	1-500-245-11	FERRITE 0UH	
FB1854	1-500-245-11	FERRITE 0UH	
FB1855	1-500-245-11	FERRITE 0UH	
		<FILTER>	
FL1001	1-236-620-11	FILTER, LOW PASS	
FL1002	1-236-620-11	FILTER, LOW PASS	
FL1101	1-239-558-11	FILTER, CHIP EMI	
FL1102	1-239-558-11	FILTER, CHIP EMI	
FL1103	1-239-558-11	FILTER, CHIP EMI	
FL1104	1-236-620-11	FILTER, LOW PASS	
FL1105	1-236-620-11	FILTER, LOW PASS	
FL1106	1-236-620-11	FILTER, LOW PASS	
FL1201	1-239-558-11	FILTER, CHIP EMI	
FL1202	1-239-558-11	FILTER, CHIP EMI	
FL1203	1-239-558-11	FILTER, CHIP EMI	
FL1204	1-239-558-11	FILTER, CHIP EMI	
FL1205	1-239-558-11	FILTER, CHIP EMI	
		<IC>	
IC1001	8-759-161-24	IC UPC659AGS-E2	
IC1002	8-759-269-92	IC SN74HCU04ANS-E20	
IC1003	8-759-492-68	IC MB8118165A-60PFTN	
IC1004	8-759-473-04	IC UPD64081GF-3BA	
IC1101	8-759-008-67	IC MC14066BF	
IC1102	8-752-376-26	IC CXD2044Q	
IC1103	8-759-710-29	IC NJM2235M	
IC1104	8-759-710-07	IC NJM2234M	
IC1105	8-759-711-62	IC NJM2240M	
IC1201	8-752-073-52	IC CXA2016S	
IC1202	8-752-073-52	IC CXA2016S	
IC1203	8-759-038-15	IC MC74HC4538AF	
IC1204	8-759-926-18	IC SN74HC157ANS	
IC1205	8-759-243-06	IC TC74AC04F	
IC1206	8-759-430-79	IC TDA8395T/N3	
IC1207	8-759-990-61	IC PCF8574T	
IC1208	8-759-990-61	IC PCF8574T	
IC1209	8-759-565-19	IC TDA4665T/V5-112	
IC1210	8-752-080-05	IC CXA2076Q	
IC1211	8-759-710-07	IC NJM2234M	
IC1212	8-759-358-46	IC MM1114XFBE	
IC1213	8-759-358-46	IC MM1114XFBE	
IC1214	8-759-038-15	IC MC74HC4538AF	
IC1215	8-759-038-15	IC MC74HC4538AF	
IC1216	8-759-925-85	IC SN74HC32ANS	

Rf.NO.	PART NO.	DESCRIPTION	REMARK
IC1220	8-759-008-67	IC MC14066BF	
IC1221	8-759-460-89	IC LT1260CS-E2	
IC1400	8-759-538-08	IC AN8133FHQ	
IC1401	8-759-700-44	IC NJM2902M	
IC1402	8-759-700-44	IC NJM2902M	
IC1403	8-759-538-08	IC AN8133FHQ	
IC1404	8-759-243-90	IC TC74AC157F	
IC1405	8-759-538-08	IC AN8133FHQ	
IC1501	8-759-439-25	IC TMS4C2972-26DTR	
IC1502	8-759-439-25	IC TMS4C2972-26DTR	
IC1503	8-759-439-25	IC TMS4C2972-26DTR	
IC1504	8-759-439-25	IC TMS4C2972-26DTR	
IC1506	8-759-439-25	IC TMS4C2972-26DTR	
IC1507	8-759-439-25	IC TMS4C2972-26DTR	
IC1508	8-759-439-25	IC TMS4C2972-26DTR	
IC1509	8-759-439-25	IC TMS4C2972-26DTR	
IC1511	8-759-439-25	IC TMS4C2972-26DTR	
IC1512	8-759-439-25	IC TMS4C2972-26DTR	
IC1513	8-759-439-25	IC TMS4C2972-26DTR	
IC1514	8-759-439-25	IC TMS4C2972-26DTR	
IC1701	8-759-510-79	IC IDT74FCT827ASO	
IC1703	8-759-510-79	IC IDT74FCT827ASO	
IC1704	8-759-544-94	IC TC74LCX541F	
IC1705	8-759-998-49	IC MB3771PF	
IC1706	8-759-998-49	IC MB3771PF	
IC1707	8-759-565-95	IC EPM7128ELC84-20-EDD	
IC1709	8-759-544-94	IC TC74LCX541F	
IC1710	8-759-565-96	IC M27C1001-70-F-EDD01	
IC1711	8-759-232-71	IC TC74HC161AF	
IC1750	8-759-038-15	IC MC74HC4538AF	
IC1751	8-759-925-76	IC SN74HC08ANS	
IC1752	8-759-038-15	IC MC74HC4538AF	
IC1753	8-759-038-15	IC MC74HC4538AF	
IC1754	8-759-925-90	IC SN74HC74ANS	
IC1801	8-759-517-93	IC IDT74FCT821ASO	
IC1802	8-759-517-93	IC IDT74FCT821ASO	
IC1803	8-759-517-93	IC IDT74FCT821ASO	
IC1804	8-759-517-93	IC IDT74FCT821ASO	
IC1805	8-759-517-93	IC IDT74FCT821ASO	
IC1806	8-759-517-93	IC IDT74FCT821ASO	
IC1807	8-759-032-01	IC MC74HC00AF	
IC1850	8-759-054-12	IC PQ09RA1	
IC1851	8-759-544-94	IC TC74LCX541F	
IC1852	8-759-244-71	IC TC74AC540F	

<IC SOCKET>

IS1707	* 1-526-660-21	SOCKET, IC (DP) 32P	
IS1710	1-540-252-11	SOCKET, IC (PLCC)	

<COIL>

L1001	1-410-204-31	INDUCTOR CHIP	10UH
L1002	1-410-204-31	INDUCTOR CHIP	10UH
L1003	1-410-204-31	INDUCTOR CHIP	10UH
L1004	1-410-200-31	INDUCTOR CHIP	4.7UH
L1005	1-410-200-31	INDUCTOR CHIP	4.7UH
L1006	1-410-200-31	INDUCTOR CHIP	4.7UH
L1007	1-410-204-31	INDUCTOR CHIP	10UH
L1008	1-410-204-31	INDUCTOR CHIP	10UH
L1009	1-410-204-31	INDUCTOR CHIP	10UH
L1101	1-410-204-31	INDUCTOR CHIP	10UH
L1102	1-410-204-31	INDUCTOR CHIP	10UH
L1103	1-410-204-31	INDUCTOR CHIP	10UH
L1104	1-410-204-31	INDUCTOR CHIP	10UH
L1105	1-410-204-31	INDUCTOR CHIP	10UH
L1106	1-410-204-31	INDUCTOR CHIP	10UH
L1201	1-410-200-31	INDUCTOR CHIP	4.7UH
L1202	1-410-200-31	INDUCTOR CHIP	4.7UH
L1203	1-410-204-31	INDUCTOR CHIP	10UH
L1204	1-410-204-31	INDUCTOR CHIP	10UH
L1205	1-410-204-31	INDUCTOR CHIP	10UH
L1206	1-410-204-31	INDUCTOR CHIP	10UH
L1207	1-410-204-31	INDUCTOR CHIP	10UH
L1209	1-410-204-31	INDUCTOR CHIP	10UH
L1210	1-410-204-31	INDUCTOR CHIP	10UH
L1211	1-410-204-31	INDUCTOR CHIP	10UH
L1212	1-410-204-31	INDUCTOR CHIP	10UH
L1213	1-410-204-31	INDUCTOR CHIP	10UH
L1214	1-410-204-31	INDUCTOR CHIP	10UH
L1215	1-410-204-31	INDUCTOR CHIP	10UH
L1219	1-410-204-31	INDUCTOR CHIP	10UH
L1220	1-410-204-31	INDUCTOR CHIP	10UH
L1221	1-410-204-31	INDUCTOR CHIP	10UH
L1222	1-410-212-51	INDUCTOR CHIP	47UH
L1223	1-410-204-31	INDUCTOR CHIP	10UH
L1224	1-410-204-31	INDUCTOR CHIP	10UH
L1400	1-410-204-31	INDUCTOR CHIP	10UH
L1401	1-410-204-31	INDUCTOR CHIP	10UH
L1402	1-410-204-31	INDUCTOR CHIP	10UH
L1403	1-410-204-31	INDUCTOR CHIP	10UH
L1404	1-410-204-31	INDUCTOR CHIP	10UH
L1405	1-410-204-31	INDUCTOR CHIP	10UH
L1406	1-410-204-31	INDUCTOR CHIP	10UH
L1407	1-410-204-31	INDUCTOR CHIP	10UH
L1408	1-410-204-31	INDUCTOR CHIP	10UH
L1409	1-410-204-31	INDUCTOR CHIP	10UH
L1410	1-410-204-31	INDUCTOR CHIP	10UH
L1413	1-410-204-31	INDUCTOR CHIP	10UH
L1701	1-410-204-31	INDUCTOR CHIP	10UH
L1702	1-410-204-31	INDUCTOR CHIP	10UH
L1801	1-410-200-31	INDUCTOR CHIP	4.7UH
L1802	1-410-200-31	INDUCTOR CHIP	4.7UH

<TRANSISTOR>

Q1001	8-729-120-28	TRANSISTOR 2SC1623-L5L6
Q1002	8-729-120-28	TRANSISTOR 2SC1623-L5L6
Q1003	8-729-120-28	TRANSISTOR 2SC1623-L5L6
Q1004	8-729-120-28	TRANSISTOR 2SC1623-L5L6
Q1005	8-729-120-28	TRANSISTOR 2SC1623-L5L6
Q1006	8-729-120-28	TRANSISTOR 2SC1623-L5L6
Q1007	8-729-120-28	TRANSISTOR 2SC1623-L5L6
Q1008	8-729-216-22	TRANSISTOR 2SA1162-G
Q1009	8-729-216-22	TRANSISTOR 2SA1162-G
Q1010	8-729-216-22	TRANSISTOR 2SA1162-G
Q1011	8-729-120-28	TRANSISTOR 2SC1623-L5L6
Q1101	8-729-120-28	TRANSISTOR 2SC1623-L5L6
Q1102	8-729-120-28	TRANSISTOR 2SC1623-L5L6
Q1103	8-729-120-28	TRANSISTOR 2SC1623-L5L6
Q1104	8-729-120-28	TRANSISTOR 2SC1623-L5L6

Rf.NO.	PART NO.	DESCRIPTION	REMARK
Q1105	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1106	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1107	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1108	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1109	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1110	1-801-806-11	TRANSISTOR DTC144EKA-T146	
Q1111	8-729-216-22	TRANSISTOR 2SA1162-G	
Q1112	8-729-216-22	TRANSISTOR 2SA1162-G	
Q1114	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1115	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1116	8-729-216-22	TRANSISTOR 2SA1162-G	
Q1117	1-801-806-11	TRANSISTOR DTC144EKA-T146	
Q1118	8-729-216-22	TRANSISTOR 2SA1162-G	
Q1201	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1202	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1203	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1204	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1205	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1206	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1207	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1208	1-801-806-11	TRANSISTOR DTC144EKA-T146	
Q1210	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1211	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1212	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1213	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1216	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1217	8-729-216-22	TRANSISTOR 2SA1162-G	
Q1218	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1219	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1227	1-801-806-11	TRANSISTOR DTC144EKA-T146	
Q1228	1-801-806-11	TRANSISTOR DTC144EKA-T146	
Q1400	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1401	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1402	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1403	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1406	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1407	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1408	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1409	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1412	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1413	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1414	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1415	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1416	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1417	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1418	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1419	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1420	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1421	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1422	1-801-806-11	TRANSISTOR DTC144EKA-T146	
Q1851	1-801-806-11	TRANSISTOR DTC144EKA-T146	
Q1852	1-801-806-11	TRANSISTOR DTC144EKA-T146	
Q1854	1-801-806-11	TRANSISTOR DTC144EKA-T146	

<RESISTOR>

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R1001	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1002	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1003	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1004	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1005	1-216-085-00	RES,CHIP	33K	5%	1/10W
R1006	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1007	1-216-055-00	RES,CHIP	1.8K	5%	1/10W
R1008	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1009	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R1010	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1011	1-216-041-00	RES,CHIP	470	5%	1/10W
R1012	1-216-041-00	RES,CHIP	470	5%	1/10W
R1013	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1014	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1015	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1016	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1017	1-216-085-00	RES,CHIP	33K	5%	1/10W
R1018	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1019	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1020	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1021	1-216-025-91	RES,CHIP	100	5%	1/10W
R1022	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1023	1-216-043-91	RES,CHIP	560	5%	1/10W
R1024	1-216-043-91	RES,CHIP	560	5%	1/10W
R1025	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1026	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1027	1-216-025-91	RES,CHIP	100	5%	1/10W
R1028	1-216-025-91	RES,CHIP	100	5%	1/10W
R1029	1-216-025-91	RES,CHIP	100	5%	1/10W
R1030	1-216-691-11	METAL CHIP	47K	0.50%	1/10W
R1031	1-216-679-11	METAL CHIP	15K	0.50%	1/10W
R1033	1-216-121-91	RES,CHIP	1M	5%	1/10W
R1035	1-216-295-91	SHORT	0		
R1037	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R1038	1-216-041-00	RES,CHIP	470	5%	1/10W
R1039	1-216-055-00	RES,CHIP	1.8K	5%	1/10W
R1040	1-216-055-00	RES,CHIP	1.8K	5%	1/10W
R1041	1-216-025-91	RES,CHIP	100	5%	1/10W
R1042	1-216-025-91	RES,CHIP	100	5%	1/10W
R1043	1-216-025-91	RES,CHIP	100	5%	1/10W
R1044	1-216-025-91	RES,CHIP	100	5%	1/10W
R1045	1-216-025-91	RES,CHIP	100	5%	1/10W
R1046	1-216-025-91	RES,CHIP	100	5%	1/10W
R1047	1-216-025-91	RES,CHIP	100	5%	1/10W
R1048	1-216-025-91	RES,CHIP	100	5%	1/10W
R1049	1-216-025-91	RES,CHIP	100	5%	1/10W
R1050	1-216-055-00	RES,CHIP	1.8K	5%	1/10W
R1051	1-216-055-00	RES,CHIP	1.8K	5%	1/10W
R1052	1-216-025-91	RES,CHIP	100	5%	1/10W
R1053	1-216-025-91	RES,CHIP	100	5%	1/10W
R1054	1-216-025-91	RES,CHIP	100	5%	1/10W
R1055	1-216-025-91	RES,CHIP	100	5%	1/10W
R1056	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1061	1-216-025-91	RES,CHIP	100	5%	1/10W
R1062	1-216-043-91	RES,CHIP	560	5%	1/10W
R1101	1-216-029-00	RES,CHIP	150	5%	1/10W
R1102	1-216-029-00	RES,CHIP	150	5%	1/10W
R1103	1-216-029-00	RES,CHIP	150	5%	1/10W
R1104	1-216-029-00	RES,CHIP	150	5%	1/10W
R1105	1-216-085-00	RES,CHIP	33K	5%	1/10W
R1106	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1107	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1108	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1109	1-216-037-00	RES,CHIP	330	5%	1/10W

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R1110	1-216-033-00	RES,CHIP	220	5%	1/10W
R1111	1-216-035-00	RES,CHIP	270	5%	1/10W
R1112	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1113	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1114	1-216-085-00	RES,CHIP	33K	5%	1/10W
R1115	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1116	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1117	1-216-037-00	RES,CHIP	330	5%	1/10W
R1118	1-216-055-00	RES,CHIP	1.8K	5%	1/10W
R1119	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1120	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R1121	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1122	1-216-055-00	RES,CHIP	1.8K	5%	1/10W
R1123	1-216-051-00	RES,CHIP	1.2K	5%	1/10W
R1124	1-216-085-00	RES,CHIP	33K	5%	1/10W
R1125	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1126	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1127	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1128	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1129	1-216-043-91	RES,CHIP	560	5%	1/10W
R1130	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1131	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1132	1-216-085-00	RES,CHIP	33K	5%	1/10W
R1133	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1134	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1135	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1136	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1137	1-216-043-91	RES,CHIP	560	5%	1/10W
R1138	1-216-043-91	RES,CHIP	560	5%	1/10W
R1140	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1141	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1142	1-216-295-91	SHORT	0		
R1143	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R1144	1-216-025-91	RES,CHIP	100	5%	1/10W
R1145	1-216-634-11	METAL CHIP	200	0.50%	1/10W
R1146	1-216-634-11	METAL CHIP	200	0.50%	1/10W
R1147	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
R1148	1-216-025-91	RES,CHIP	100	5%	1/10W
R1149	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1150	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1151	1-216-663-11	METAL CHIP	3.3K	0.50%	1/10W
R1152	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R1153	1-216-663-11	METAL CHIP	3.3K	0.50%	1/10W
R1154	1-216-663-11	METAL CHIP	3.3K	0.50%	1/10W
R1155	1-216-663-11	METAL CHIP	3.3K	0.50%	1/10W
R1156	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R1157	1-216-025-91	RES,CHIP	100	5%	1/10W
R1158	1-216-025-91	RES,CHIP	100	5%	1/10W
R1159	1-216-640-11	METAL CHIP	360	0.50%	1/10W
R1160	1-216-025-91	RES,CHIP	100	5%	1/10W
R1161	1-216-025-91	RES,CHIP	100	5%	1/10W
R1162	1-216-663-11	METAL CHIP	3.3K	0.50%	1/10W
R1163	1-216-089-91	RES,CHIP	47K	5%	1/10W
R1164	1-216-651-11	METAL CHIP	1K	0.50%	1/10W
R1165	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1166	1-216-295-91	SHORT	0		
R1171	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1172	1-216-295-91	SHORT	0		
R1201	1-216-029-00	RES,CHIP	150	5%	1/10W
R1202	1-216-029-00	RES,CHIP	150	5%	1/10W
R1203	1-216-029-00	RES,CHIP	150	5%	1/10W
R1204	1-216-029-00	RES,CHIP	150	5%	1/10W
R1205	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1206	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1207	1-216-085-00	RES,CHIP	33K	5%	1/10W
R1208	1-216-691-11	METAL CHIP	47K	0.50%	1/10W
R1209	1-216-677-11	METAL CHIP	12K	0.50%	1/10W
R1210	1-216-085-00	RES,CHIP	33K	5%	1/10W
R1211	1-216-691-11	METAL CHIP	47K	0.50%	1/10W
R1212	1-216-677-11	METAL CHIP	12K	0.50%	1/10W
R1213	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
R1214	1-216-655-11	METAL CHIP	1.5K	0.50%	1/10W
R1215	1-216-035-00	RES,CHIP	270	5%	1/10W
R1216	1-216-035-00	RES,CHIP	270	5%	1/10W
R1217	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1218	1-216-085-00	RES,CHIP	33K	5%	1/10W
R1219	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1220	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1221	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1222	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1223	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1224	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1225	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1226	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1227	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1228	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1229	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1230	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1231	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1232	1-216-029-00	RES,CHIP	150	5%	1/10W
R1233	1-216-029-00	RES,CHIP	150	5%	1/10W
R1234	1-216-029-00	RES,CHIP	150	5%	1/10W
R1235	1-216-025-91	RES,CHIP	100	5%	1/10W
R1236	1-216-025-91	RES,CHIP	100	5%	1/10W
R1237	1-216-025-91	RES,CHIP	100	5%	1/10W
R1238	1-216-025-91	RES,CHIP	100	5%	1/10W
R1239	1-216-025-91	RES,CHIP	100	5%	1/10W
R1240	1-216-025-91	RES,CHIP	100	5%	1/10W
R1241	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1242	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1243	1-216-029-00	RES,CHIP	150	5%	1/10W
R1244	1-216-029-00	RES,CHIP	150	5%	1/10W
R1245	1-216-029-00	RES,CHIP	150	5%	1/10W
R1246	1-216-025-91	RES,CHIP	100	5%	1/10W
R1247	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1248	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1249	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1250	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1251	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1252	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1253	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1254	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1255	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1256	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1257	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1258	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1259	1-216-025-91	RES,CHIP	100	5%	1/10W
R1260	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1261	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1262	1-216-049-91	RES,CHIP	1K	5%	1/10W

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R1263	1-216-045-00	RES,CHIP	680	5%	1/10W
R1264	1-216-047-91	RES,CHIP	820	5%	1/10W
R1265	1-216-085-00	RES,CHIP	33K	5%	1/10W
R1266	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1267	1-216-085-00	RES,CHIP	33K	5%	1/10W
R1268	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1279	1-216-025-91	RES,CHIP	100	5%	1/10W
R1280	1-216-025-91	RES,CHIP	100	5%	1/10W
R1281	1-216-025-91	RES,CHIP	100	5%	1/10W
R1282	1-216-085-00	RES,CHIP	33K	5%	1/10W
R1283	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1284	1-216-085-00	RES,CHIP	33K	5%	1/10W
R1285	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1286	1-216-085-00	RES,CHIP	33K	5%	1/10W
R1287	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1288	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1289	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R1290	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1291	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1296	1-216-085-00	RES,CHIP	33K	5%	1/10W
R1297	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1303	1-216-041-00	RES,CHIP	470	5%	1/10W
R1304	1-216-077-00	RES,CHIP	15K	5%	1/10W
R1305	1-216-025-91	RES,CHIP	100	5%	1/10W
R1306	1-216-025-91	RES,CHIP	100	5%	1/10W
R1307	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
R1308	1-216-109-00	RES,CHIP	330K	5%	1/10W
R1309	1-216-675-11	METAL CHIP	10K	0.50%	1/10W
R1310	1-216-041-00	RES,CHIP	470	5%	1/10W
R1311	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R1312	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1313	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1314	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1315	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1316	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R1317	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R1318	1-216-025-91	RES,CHIP	100	5%	1/10W
R1319	1-216-025-91	RES,CHIP	100	5%	1/10W
R1320	1-216-089-91	RES,CHIP	47K	5%	1/10W
R1321	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1322	1-216-089-91	RES,CHIP	47K	5%	1/10W
R1323	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1347	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1348	1-216-070-00	RES,CHIP	7.5K	5%	1/10W
R1349	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1350	1-216-070-00	RES,CHIP	7.5K	5%	1/10W
R1351	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1352	1-216-071-00	RES,CHIP	8.2K	5%	1/10W
R1353	1-216-075-00	RES,CHIP	12K	5%	1/10W
R1354	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R1355	1-216-113-00	RES,CHIP	470K	5%	1/10W
R1356	1-216-295-91	SHORT	0		
R1357	1-216-107-00	RES,CHIP	270K	5%	1/10W
R1358	1-216-295-91	SHORT	0		
R1360	1-216-033-00	RES,CHIP	220	5%	1/10W
R1361	1-216-033-00	RES,CHIP	220	5%	1/10W
R1362	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1363	1-216-679-11	METAL CHIP	15K	0.50%	1/10W
R1364	1-216-679-11	METAL CHIP	15K	0.50%	1/10W
R1365	1-216-679-11	METAL CHIP	15K	0.50%	1/10W
R1366	1-216-673-11	METAL CHIP	8.2K	0.50%	1/10W
R1367	1-216-673-11	METAL CHIP	8.2K	0.50%	1/10W
R1368	1-216-673-11	METAL CHIP	8.2K	0.50%	1/10W
R1369	1-216-295-91	SHORT	0		
R1370	1-216-295-91	SHORT	0		
R1371	1-216-295-91	SHORT	0		
R1372	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1373	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1374	1-216-083-00	RES,CHIP	27K	5%	1/10W
R1375	1-216-083-00	RES,CHIP	27K	5%	1/10W
R1376	1-216-083-00	RES,CHIP	27K	5%	1/10W
R1377	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R1378	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R1379	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R1400	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1401	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1402	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1403	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1404	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1405	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1406	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1407	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1408	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R1410	1-216-071-00	RES,CHIP	8.2K	5%	1/10W
R1411	1-216-041-00	RES,CHIP	470	5%	1/10W
R1412	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1413	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1414	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1415	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1416	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1417	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1418	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1419	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1420	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1421	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R1422	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R1423	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1424	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1426	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1427	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1428	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1429	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1430	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1431	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1432	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1433	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1434	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R1436	1-216-025-91	RES,CHIP	100	5%	1/10W
R1437	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1438	1-216-295-91	SHORT	0		
R1439	1-216-295-91	SHORT	0		
R1440	1-216-295-91	SHORT	0		
R1441	1-216-295-91	SHORT	0		
R1442	1-216-295-91	SHORT	0		
R1443	1-216-295-91	SHORT	0		
R1444	1-216-295-91	SHORT	0		
R1445	1-216-295-91	SHORT	0		
R1446	1-216-295-91	SHORT	0		
R1447	1-216-295-91	SHORT	0		
R1448	1-216-025-91	RES,CHIP	100	5%	1/10W

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R1450	1-216-295-91	SHORT	0		
R1451	1-216-295-91	SHORT	0		
R1452	1-216-295-91	SHORT	0		
R1453	1-216-295-91	SHORT	0		
R1454	1-216-295-91	SHORT	0		
R1455	1-216-295-91	SHORT	0		
R1456	1-216-295-91	SHORT	0		
R1457	1-216-295-91	SHORT	0		
R1458	1-216-295-91	SHORT	0		
R1459	1-216-295-91	SHORT	0		
R1460	1-216-025-91	RES,CHIP	100	5%	1/10W
R1461	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1462	1-216-295-91	SHORT	0		
R1463	1-216-295-91	SHORT	0		
R1464	1-216-295-91	SHORT	0		
R1465	1-216-295-91	SHORT	0		
R1466	1-216-295-91	SHORT	0		
R1467	1-216-295-91	SHORT	0		
R1468	1-216-295-91	SHORT	0		
R1469	1-216-295-91	SHORT	0		
R1470	1-216-295-91	SHORT	0		
R1471	1-216-295-91	SHORT	0		
R1501	1-216-025-91	RES,CHIP	100	5%	1/10W
R1502	1-216-025-91	RES,CHIP	100	5%	1/10W
R1503	1-216-025-91	RES,CHIP	100	5%	1/10W
R1504	1-216-025-91	RES,CHIP	100	5%	1/10W
R1505	1-216-025-91	RES,CHIP	100	5%	1/10W
R1506	1-216-025-91	RES,CHIP	100	5%	1/10W
R1507	1-216-025-91	RES,CHIP	100	5%	1/10W
R1508	1-216-025-91	RES,CHIP	100	5%	1/10W
R1509	1-216-025-91	RES,CHIP	100	5%	1/10W
R1510	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1511	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1512	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1513	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1514	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1515	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1516	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1517	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1518	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1519	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1520	1-216-025-91	RES,CHIP	100	5%	1/10W
R1521	1-216-025-91	RES,CHIP	100	5%	1/10W
R1522	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1523	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1524	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1525	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1526	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1527	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1528	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1529	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1530	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1531	1-216-020-00	RES,CHIP	62	5%	1/10W
R1532	1-216-085-00	RES,CHIP	33K	5%	1/10W
R1533	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1534	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1535	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1536	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1537	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1538	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1539	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1540	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1541	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1542	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1543	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1544	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1545	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1546	1-216-025-91	RES,CHIP	100	5%	1/10W
R1547	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1548	1-216-020-00	RES,CHIP	62	5%	1/10W
R1549	1-216-025-91	RES,CHIP	100	5%	1/10W
R1550	1-216-025-91	RES,CHIP	100	5%	1/10W
R1551	1-216-025-91	RES,CHIP	100	5%	1/10W
R1552	1-216-025-91	RES,CHIP	100	5%	1/10W
R1553	1-216-025-91	RES,CHIP	100	5%	1/10W
R1554	1-216-025-91	RES,CHIP	100	5%	1/10W
R1555	1-216-025-91	RES,CHIP	100	5%	1/10W
R1556	1-216-025-91	RES,CHIP	100	5%	1/10W
R1557	1-216-025-91	RES,CHIP	100	5%	1/10W
R1558	1-216-025-91	RES,CHIP	100	5%	1/10W
R1559	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1560	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1561	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1562	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1563	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1564	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1565	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1566	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1567	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1568	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1569	1-216-025-91	RES,CHIP	100	5%	1/10W
R1570	1-216-025-91	RES,CHIP	100	5%	1/10W
R1571	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1572	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1573	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1574	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1575	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1576	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1577	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1578	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1579	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1580	1-216-020-00	RES,CHIP	62	5%	1/10W
R1581	1-216-085-00	RES,CHIP	33K	5%	1/10W
R1582	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1583	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1584	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1585	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1586	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1587	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1588	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1589	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1590	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1591	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1592	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1593	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1594	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1595	1-216-025-91	RES,CHIP	100	5%	1/10W
R1596	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1597	1-216-020-00	RES,CHIP	62	5%	1/10W
R1598	1-216-025-91	RES,CHIP	100	5%	1/10W

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R1599	1-216-025-91	RES,CHIP	100	5%	1/10W
R1600	1-216-025-91	RES,CHIP	100	5%	1/10W
R1601	1-216-025-91	RES,CHIP	100	5%	1/10W
R1602	1-216-025-91	RES,CHIP	100	5%	1/10W
R1603	1-216-025-91	RES,CHIP	100	5%	1/10W
R1604	1-216-025-91	RES,CHIP	100	5%	1/10W
R1605	1-216-025-91	RES,CHIP	100	5%	1/10W
R1606	1-216-025-91	RES,CHIP	100	5%	1/10W
R1607	1-216-025-91	RES,CHIP	100	5%	1/10W
R1608	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1609	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1610	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1611	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1612	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1613	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1614	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1615	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1616	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1617	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1618	1-216-025-91	RES,CHIP	100	5%	1/10W
R1619	1-216-025-91	RES,CHIP	100	5%	1/10W
R1620	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1621	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1622	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1623	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1624	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1625	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1626	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1627	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1628	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1629	1-216-020-00	RES,CHIP	62	5%	1/10W
R1630	1-216-085-00	RES,CHIP	33K	5%	1/10W
R1631	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1632	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1633	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1634	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1635	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1636	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1637	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1638	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1639	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1640	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1641	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1642	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1643	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1644	1-216-025-91	RES,CHIP	100	5%	1/10W
R1645	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1646	1-216-020-00	RES,CHIP	62	5%	1/10W
R1647	1-216-025-91	RES,CHIP	100	5%	1/10W
R1701	1-216-025-91	RES,CHIP	100	5%	1/10W
R1702	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1703	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1704	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1705	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1706	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1707	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1708	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1709	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1710	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1711	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1712	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1713	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1714	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1715	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1716	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1717	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1718	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1719	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1720	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1721	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1722	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1723	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1724	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1725	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1726	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1727	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1728	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1729	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1730	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1731	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1732	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1733	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1734	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1735	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1736	1-216-025-91	RES,CHIP	100	5%	1/10W
R1737	1-216-025-91	RES,CHIP	100	5%	1/10W
R1738	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1739	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1740	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1741	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1742	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1743	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1744	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1745	1-216-025-91	RES,CHIP	100	5%	1/10W
R1746	1-216-025-91	RES,CHIP	100	5%	1/10W
R1747	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1748	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1749	1-216-025-91	RES,CHIP	100	5%	1/10W
R1750	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1751	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1752	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1753	1-216-025-91	RES,CHIP	100	5%	1/10W
R1754	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1840	1-216-295-91	SHORT	0		
R1841	1-216-295-91	SHORT	0		
R1853	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1854	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1856	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1857	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1859	1-216-041-00	RES,CHIP	470	5%	1/10W
R1860	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1861	1-216-037-00	RES,CHIP	330	5%	1/10W
R1862	1-216-025-91	RES,CHIP	100	5%	1/10W
R1863	1-216-089-91	RES,CHIP	47K	5%	1/10W
R1864	1-216-025-91	RES,CHIP	100	5%	1/10W
R1865	1-216-089-91	RES,CHIP	47K	5%	1/10W
R1866	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1867	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1868	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1869	1-216-295-91	SHORT	0		

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Rf.NO.	PART NO.	DESCRIPTION			REMARK
R1871	1-216-295-91	SHORT	0		
R1872	1-216-295-91	SHORT	0		
R1873	1-216-295-91	SHORT	0		
R1874	1-216-295-91	SHORT	0		
R1875	1-216-295-91	SHORT	0		
R1876	1-216-295-91	SHORT	0		
R1877	1-216-295-91	SHORT	0		
R1878	1-216-295-91	SHORT	0		
R1879	1-216-295-91	SHORT	0		
R1880	1-216-295-91	SHORT	0		
R1881	1-216-295-91	SHORT	0		
R1882	1-216-295-91	SHORT	0		
R1883	1-216-295-91	SHORT	0		
R1884	1-216-295-91	SHORT	0		
R1885	1-216-295-91	SHORT	0		
R1886	1-216-295-91	SHORT	0		
R1887	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1888	1-216-025-91	RES,CHIP	100	5%	1/10W
R1889	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1890	1-216-025-91	RES,CHIP	100	5%	1/10W
R1891	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1892	1-216-025-91	RES,CHIP	100	5%	1/10W
R1893	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1894	1-216-689-11	RES,CHIP	39K	5%	1/10W
R1895	1-216-689-11	RES,CHIP	39K	5%	1/10W
R1898	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1899	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1900	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1901	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1902	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1903	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1904	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1905	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1906	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1907	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1908	1-216-045-00	RES,CHIP	680	5%	1/10W
R1909	1-216-045-00	RES,CHIP	680	5%	1/10W
R1910	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1911	1-216-295-91	SHORT	0		
R1912	1-216-295-91	SHORT	0		
R1913	1-216-085-00	RES,CHIP	33K	5%	1/10W
R1914	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1915	1-216-033-00	RES,CHIP	220	5%	1/10W
R1916	1-216-037-00	RES,CHIP	330	5%	1/10W
R1917	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1918	1-216-037-00	RES,CHIP	330	5%	1/10W
R1919	1-216-085-00	RES,CHIP	33K	5%	1/10W
R1920	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1921	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1972	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1973	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1974	1-216-295-91	SHORT	0		
R1975	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1976	1-216-045-00	RES,CHIP	680	5%	1/10W

<VARIABLE RESISTOR>

RV1001	1-223-991-21	RES, CARBON ADJ VAR 1K	
RV1002	1-223-991-21	RES, CARBON ADJ VAR 1K	
RV1101	1-223-991-21	RES, CARBON ADJ VAR 1K	
RV1102	1-223-991-21	RES, CARBON ADJ VAR 1K	
RV1201	1-223-991-21	RES, CARBON ADJ VAR 1K	
RV1202	1-223-991-21	RES, CARBON ADJ VAR 1K	
RV1203	1-223-991-21	RES, CARBON ADJ VAR 1K	
RV1204	1-223-991-21	RES, CARBON ADJ VAR 1K	
RV1205	1-223-991-21	RES, CARBON ADJ VAR 1K	
RV1206	1-223-991-21	RES, CARBON ADJ VAR 1K	
RV1207	1-223-991-21	RES, CARBON ADJ VAR 1K	
RV1400	1-223-995-21	RES, CARBON ADJ VAR 10K	
RV1401	1-223-995-21	RES, CARBON ADJ VAR 10K	
RV1402	1-223-995-21	RES, CARBON ADJ VAR 10K	
RV1403	1-223-991-21	RES, CARBON ADJ VAR 1K	
RV1404	1-223-991-21	RES, CARBON ADJ VAR 1K	
RV1405	1-223-995-21	RES, CARBON ADJ VAR 10K	
RV1406	1-223-995-21	RES, CARBON ADJ VAR 10K	
RV1407	1-223-995-21	RES, CARBON ADJ VAR 10K	
RV1408	1-223-991-21	RES, CARBON ADJ VAR 1K	

<SWITCH>

S1001	1-570-909-21	SWITCH, TACTIL (REFLOW TYPE)	(RESET)
S1201	1-553-977-41	SWITCH, SLIDE	
S1202	1-553-977-41	SWITCH, SLIDE	
S1701	1-553-977-41	SWITCH, SLIDE	
S1702	1-553-977-41	SWITCH, SLIDE	
S1703	1-553-977-41	SWITCH, SLIDE	

<CIRCUIT BREAKER>

SP1851	⚠1-533-983-11	BREAKER, CIRCUIT (3.15A)	
SP1852	⚠1-533-983-11	BREAKER, CIRCUIT (3.15A)	
SP1853	⚠1-533-983-11	BREAKER, CIRCUIT (3.15A)	

<CRYSTAL>

X1202	1-760-796-11	VIBRATOR, CRYSTAL (4.43MHz)	
X1203	1-577-611-11	OSCILALTOR, CERAMIC (500kHz)	
X1204	1-760-794-11	VIBRATOR, CRYSTAL (3.57561MHz)	
X1205	1-760-795-11	VIBRATOR, CRYSTAL (3.579545MHz)	
X1701	1-760-528-11	OSCILLATOR, CRYSTAL (40MHz)	

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*	A-1394-892-A	DSP BOARD, COMPLETE	
		**********	
*	4-066-084-01	INSERTER EXTRACTER	
	4-334-240-00	HOLDER, LED	

<CAPACITOR>

C2001	1-126-206-11	ELECT CHIP	100MF	20%	6.3V
C2002	1-126-206-11	ELECT CHIP	100MF	20%	6.3V
C2003	1-126-206-11	ELECT CHIP	100MF	20%	6.3V
C2004	1-126-206-11	ELECT CHIP	100MF	20%	6.3V
C2005	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C2006	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C2007	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C2008	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C2009	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C2010	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C2011	1-163-038-91	CERAMIC CHIP	0.1MF		25V

Rf.NO.	PART NO.	DESCRIPTION	REMARK
C2012	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2013	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2014	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2015	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2016	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2017	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2030	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2031	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2032	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2033	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2034	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2035	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2036	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2037	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2057	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2058	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2059	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2060	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2061	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2062	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2063	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2064	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2065	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2066	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2067	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2068	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2069	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2070	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2071	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2072	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2073	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2074	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2075	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2095	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2096	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2097	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2098	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2099	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2100	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2101	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2102	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2103	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2104	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2105	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2106	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2107	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2108	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2109	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2110	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2111	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2112	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2113	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2133	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2134	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2135	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2136	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2137	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2138	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2139	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2140	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2141	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2142	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2143	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2144	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2145	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2146	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2147	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2148	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2149	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2150	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2151	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2152	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2153	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2154	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2155	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2156	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2157	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2158	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2159	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2160	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2161	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2162	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2163	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2164	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2165	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2166	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2167	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2168	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2169	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2170	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2171	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2172	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2173	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2174	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2175	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2176	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2177	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2178	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2179	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2180	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2181	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2182	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2183	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2184	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2185	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2186	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2187	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2188	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2189	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2190	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2191	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2192	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2193	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2194	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2195	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2196	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2197	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2198	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2199	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2200	1-163-038-91	CERAMIC CHIP 0.1MF	25V

DSP

Rf.NO.	PART NO.	DESCRIPTION	REMARK
C2201	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2202	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2203	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2204	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2205	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2206	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2207	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2208	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2209	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2210	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2211	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2212	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2213	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2214	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2215	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2216	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2217	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2218	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2219	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2220	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2221	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2222	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2223	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2224	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2225	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2226	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2227	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2228	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2229	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2230	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2231	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2232	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2233	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2234	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2235	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2236	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2237	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2238	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2239	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2240	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2241	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2242	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2243	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2244	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2245	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2246	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2247	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2248	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2249	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2250	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2251	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2252	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2253	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2254	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2255	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2256	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2257	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2258	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2259	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2260	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2261	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2262	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2263	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2264	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2265	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2301	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2303	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2304	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2305	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2306	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2307	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2308	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2309	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2310	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2311	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C2312	1-163-038-91	CERAMIC CHIP 0.1MF	25V
		<DIODE>	
D2001	8-719-955-04	DIODE PY5504S-1	
D2002	8-719-955-04	DIODE PY5504S-1	
		<CIRCUIT BREAKER>	
F2001	⚠1-533-983-11	BREAKER, CIRCUIT (3.15A)	
F2002	⚠1-533-983-11	BREAKER, CIRCUIT (3.15A)	
		<FILTER>	
FL2001	1-421-773-11	FILTER, NOISE REMOVAL	
FL2002	1-421-773-11	FILTER, NOISE REMOVAL	
		<IC>	
IC2001	8-759-542-23	IC M27C4001-80F1-LAPA	
IC2002	8-759-542-24	IC M27C4001-80F1-LAPB	
IC2003	8-759-542-25	IC M27C4001-80F1-LAPC	
IC2004	8-759-542-16	IC EPM7160ELC84-12-LAP	
IC2005	8-759-544-93	IC TC74LCX574F	
IC2006	8-759-544-94	IC TC74LCX541F	
IC2012	8-759-542-17	IC EPM7160ELC84-12-MEM	
IC2019	8-759-179-94	IC HM530281-20	
IC2020	8-759-179-94	IC HM530281-20	
IC2021	8-759-179-94	IC HM530281-20	
IC2022	8-759-179-94	IC HM530281-20	
IC2023	8-759-179-94	IC HM530281-20	
IC2024	8-759-179-94	IC HM530281-20	
IC2025	8-759-179-94	IC HM530281-20	
IC2026	8-759-179-94	IC HM530281-20	
IC2027	8-759-179-94	IC HM530281-20	
IC2028	8-759-179-94	IC HM530281-20	
IC2029	8-759-179-94	IC HM530281-20	
IC2030	8-759-179-94	IC HM530281-20	
IC2031	8-759-179-94	IC HM530281-20	
IC2032	8-759-179-94	IC HM530281-20	
IC2033	8-759-179-94	IC HM530281-20	
IC2034	8-759-179-94	IC HM530281-20	
IC2035	8-759-244-75	IC TC74AC541F	
IC2036	8-759-243-45	IC TC74ACT02F	
IC2037	8-759-245-77	IC TC74ACT574F	

Rf.NO.	PART NO.	DESCRIPTION	REMARK
IC2038	8-759-245-77	IC TC74ACT574F	
IC2039	8-759-537-21	IC IDT74FCT3807ASO	
IC2040	8-759-244-75	IC TC74AC541F	
IC2041	8-759-244-71	IC TC74AC540F	
IC2042	8-759-007-56	IC MC74HC30F	
IC2043	8-759-243-74	IC TC74AC138F	
IC2044	8-759-243-74	IC TC74AC138F	
IC2045	8-759-985-55	IC 74AC245SJ	
IC2046	8-759-244-85	IC TC74AC574F	
IC2047	8-759-244-85	IC TC74AC574F	
IC2048	8-759-244-75	IC TC74AC541F	
IC2049	8-759-244-75	IC TC74AC541F	
IC2050	8-759-244-85	IC TC74AC574F	
IC2051	8-759-244-85	IC TC74AC574F	
IC2052	8-759-244-75	IC TC74AC541F	
IC2053	8-759-244-75	IC TC74AC541F	
IC2054	8-759-244-85	IC TC74AC574F	
IC2055	8-759-244-85	IC TC74AC574F	
IC2056	8-759-244-75	IC TC74AC541F	
IC2057	8-759-244-75	IC TC74AC541F	
IC2059	8-759-245-77	IC TC74ACT574F	
IC2060	8-759-245-77	IC TC74ACT574F	
IC2061	8-759-245-77	IC TC74ACT574F	
IC2062	8-759-245-77	IC TC74ACT574F	
IC2063	8-759-542-21	IC M27C512-15F1-PCC	
IC2064	8-759-544-94	IC TC74LCX541F	
IC2065	8-759-544-94	IC TC74LCX541F	
IC2066	8-759-542-18	IC EPM7064LC44-15-PCC	
IC2067	8-759-542-19	IC EPM7064LC44-15-IQX	
IC2068	8-759-542-22	IC M27C512-15F1-IQX	
IC2069	8-759-477-86	IC UPD485506G5-25-7JF-E2	
IC2070	8-759-477-86	IC UPD485506G5-25-7JF-E2	
IC2071	8-759-477-86	IC UPD485506G5-25-7JF-E2	
IC2072	8-759-477-86	IC UPD485506G5-25-7JF-E2	
IC2073	8-759-245-77	IC TC74ACT574F	
IC2074	8-759-510-79	IC IDT74FCT827ASO	
IC2075	8-759-510-79	IC IDT74FCT827ASO	
IC2076	8-759-510-79	IC IDT74FCT827ASO	
IC2077	8-759-244-77	IC TC74ACT541F	
IC2078	8-759-244-77	IC TC74ACT541F	
IC2079	8-759-244-77	IC TC74ACT541F	
IC2080	8-759-244-77	IC TC74ACT541F	
IC2081	8-759-510-79	IC IDT74FCT827ASO	
IC2082	8-759-510-79	IC IDT74FCT827ASO	
IC2083	8-759-510-79	IC IDT74FCT827ASO	
IC2084	8-759-244-75	IC TC74AC541F	
IC2085	8-759-244-75	IC TC74AC541F	
IC2086	8-759-244-75	IC TC74AC541F	
IC2087	8-759-244-75	IC TC74AC541F	
IC2215	8-759-540-15	IC IDT74FCT3827BSO	
IC2216	8-759-540-15	IC IDT74FCT3827BSO	
IC2217	8-759-540-15	IC IDT74FCT3827BSO	

<IC SOCKET>

IS2001	* 1-526-660-21	SOCKET, IC (DP) 32P	
IS2002	* 1-526-660-21	SOCKET, IC (DP) 32P	
IS2003	* 1-526-660-21	SOCKET, IC (DP) 32P	
IS2004	1-251-272-11	SOCKET, IC""	
IS2012	1-251-272-11	SOCKET, IC	
IS2063	* 1-526-659-00	SOCKET, IC (DP) 28P	
IS2066	1-251-047-11	SOCKET, IC	
IS2067	1-251-047-11	SOCKET, IC	
IS2068	* 1-526-659-00	SOCKET, IC (DP) 28P	

<RESISTOR>

R2001	1-216-025-91	RES,CHIP	100	5%	1/10W
R2002	1-216-025-91	RES,CHIP	100	5%	1/10W
R2003	1-216-025-91	RES,CHIP	100	5%	1/10W
R2004	1-216-025-91	RES,CHIP	100	5%	1/10W
R2005	1-216-025-91	RES,CHIP	100	5%	1/10W
R2006	1-216-025-91	RES,CHIP	100	5%	1/10W
R2007	1-216-025-91	RES,CHIP	100	5%	1/10W
R2008	1-216-025-91	RES,CHIP	100	5%	1/10W
R2009	1-216-025-91	RES,CHIP	100	5%	1/10W
R2010	1-216-025-91	RES,CHIP	100	5%	1/10W
R2011	1-216-017-91	RES,CHIP	47	5%	1/10W
R2012	1-216-017-91	RES,CHIP	47	5%	1/10W
R2013	1-216-017-91	RES,CHIP	47	5%	1/10W
R2014	1-216-017-91	RES,CHIP	47	5%	1/10W
R2015	1-216-017-91	RES,CHIP	47	5%	1/10W
R2016	1-216-017-91	RES,CHIP	47	5%	1/10W
R2017	1-216-017-91	RES,CHIP	47	5%	1/10W
R2018	1-216-017-91	RES,CHIP	47	5%	1/10W
R2019	1-216-017-91	RES,CHIP	47	5%	1/10W
R2020	1-216-017-91	RES,CHIP	47	5%	1/10W
R2021	1-216-017-91	RES,CHIP	47	5%	1/10W
R2022	1-216-017-91	RES,CHIP	47	5%	1/10W
R2023	1-216-017-91	RES,CHIP	47	5%	1/10W
R2024	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2025	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2026	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2027	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2028	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2029	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2030	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2031	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2032	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2033	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2034	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2035	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2036	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2037	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2038	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2039	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2040	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2041	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2042	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2043	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2044	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2045	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2046	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2047	1-216-025-91	RES,CHIP	100	5%	1/10W
R2048	1-216-025-91	RES,CHIP	100	5%	1/10W
R2049	1-216-025-91	RES,CHIP	100	5%	1/10W
R2050	1-216-025-91	RES,CHIP	100	5%	1/10W
R2051	1-216-025-91	RES,CHIP	100	5%	1/10W
R2052	1-216-025-91	RES,CHIP	100	5%	1/10W
R2053	1-216-025-91	RES,CHIP	100	5%	1/10W
R2054	1-216-025-91	RES,CHIP	100	5%	1/10W

DSP

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R2055	1-216-017-91	RES,CHIP	47	5%	1/10W
R2056	1-216-017-91	RES,CHIP	47	5%	1/10W
R2057	1-216-017-91	RES,CHIP	47	5%	1/10W
R2058	1-216-017-91	RES,CHIP	47	5%	1/10W
R2059	1-216-017-91	RES,CHIP	47	5%	1/10W
R2060	1-216-017-91	RES,CHIP	47	5%	1/10W
R2061	1-216-017-91	RES,CHIP	47	5%	1/10W
R2062	1-216-017-91	RES,CHIP	47	5%	1/10W
R2063	1-216-017-91	RES,CHIP	47	5%	1/10W
R2064	1-216-017-91	RES,CHIP	47	5%	1/10W
R2065	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2066	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2067	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2068	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2069	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2070	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2071	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2072	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2073	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2074	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2075	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2076	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2077	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2078	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2079	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2080	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2081	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2082	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2083	1-216-025-91	RES,CHIP	100	5%	1/10W
R2084	1-216-025-91	RES,CHIP	100	5%	1/10W
R2085	1-216-025-91	RES,CHIP	100	5%	1/10W
R2086	1-216-025-91	RES,CHIP	100	5%	1/10W
R2087	1-216-017-91	RES,CHIP	47	5%	1/10W
R2088	1-216-017-91	RES,CHIP	47	5%	1/10W
R2089	1-216-017-91	RES,CHIP	47	5%	1/10W
R2090	1-216-017-91	RES,CHIP	47	5%	1/10W
R2091	1-216-017-91	RES,CHIP	47	5%	1/10W
R2092	1-216-017-91	RES,CHIP	47	5%	1/10W
R2093	1-216-017-91	RES,CHIP	47	5%	1/10W
R2094	1-216-017-91	RES,CHIP	47	5%	1/10W
R2095	1-216-017-91	RES,CHIP	47	5%	1/10W
R2096	1-216-017-91	RES,CHIP	47	5%	1/10W
R2097	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2098	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2099	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2100	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2101	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2102	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2103	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2104	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2105	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2106	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2107	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2108	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2109	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2110	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2111	1-216-037-00	RES,CHIP	330	5%	1/10W
R2112	1-216-041-00	RES,CHIP	470	5%	1/10W
R2113	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2114	1-216-097-91	RES,CHIP	100K	5%	1/10W

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R2115	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2116	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2117	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2118	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2119	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2120	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2141	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2142	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2143	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2144	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2145	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2146	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2147	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2148	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2149	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2150	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2154	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2155	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2156	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2157	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2158	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2159	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2160	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2161	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2162	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2163	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2177	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2178	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2179	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2180	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2181	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2182	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2183	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2184	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2185	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2186	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2190	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2191	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2192	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2193	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2194	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2195	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2196	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2197	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2198	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2199	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2213	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2214	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2215	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2216	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2217	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2218	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2219	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2220	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2221	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2222	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2226	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2227	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2228	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2229	1-216-097-91	RES,CHIP	100K	5%	1/10W

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R2230	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2231	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2232	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2233	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2234	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2235	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2237	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2238	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2239	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2240	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2241	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2242	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2243	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2244	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2245	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2246	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2247	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2248	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2249	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2250	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2251	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2252	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2253	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2254	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2255	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2256	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2257	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2258	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2259	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2260	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2265	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2266	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2267	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2268	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2269	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2270	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2275	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2276	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2277	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2278	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2279	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2280	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2281	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2282	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2283	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2284	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2285	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2286	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2287	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2296	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2297	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2298	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2299	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2300	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2301	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2302	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2303	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2304	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2305	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2306	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2307	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2308	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2309	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2310	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2311	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2312	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2313	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2314	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2315	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2316	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2317	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2318	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2319	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2320	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2321	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2322	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2323	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2324	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2325	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2330	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2331	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2332	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2333	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2334	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2335	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2336	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2337	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2339	1-216-295-91	SHORT	0		
R2340	1-216-295-91	SHORT	0		
R2341	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2342	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2343	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2344	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2346	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2347	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2348	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2349	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2350	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2351	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2352	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2353	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2354	1-216-295-91	SHORT	0		
R2355	1-216-295-91	SHORT	0		
R2356	1-216-295-91	SHORT	0		
R2357	1-216-295-91	SHORT	0		
R2358	1-216-295-91	SHORT	0		
R2359	1-216-295-91	SHORT	0		
R2360	1-216-295-91	SHORT	0		
R2361	1-216-295-91	SHORT	0		
R2362	1-216-295-91	SHORT	0		
R2363	1-216-295-91	SHORT	0		
R2364	1-216-295-91	SHORT	0		
R2365	1-216-295-91	SHORT	0		
R2366	1-216-295-91	SHORT	0		
R2367	1-216-295-91	SHORT	0		
R2368	1-216-295-91	SHORT	0		
R2369	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2370	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2371	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2372	1-216-097-91	RES,CHIP	100K	5%	1/10W

DSP

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R2373	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2374	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2375	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2376	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2378	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2379	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2380	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2381	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2382	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2383	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2384	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2385	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2390	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2391	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2392	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2393	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2394	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2395	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2396	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2397	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2399	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2400	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2414	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2415	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2416	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2417	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2418	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2419	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2420	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2421	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2422	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2423	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2424	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2425	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2426	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2427	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2428	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2429	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2430	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2431	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2432	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2433	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2434	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2435	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2436	1-216-097-91	RES,CHIP	100K	5%	1/10W
R2437	1-216-097-91	RES,CHIP	100K	5%	1/10W

<TEST PIN>

TP2001	1-535-757-11	CHIP, CHECKER	
TP2002	1-535-757-11	CHIP, CHECKER	
TP2004	1-535-757-11	CHIP, CHECKER	
TP2006	1-535-757-11	CHIP, CHECKER	
TP2007	1-535-757-11	CHIP, CHECKER	
TP2008	1-535-757-11	CHIP, CHECKER	
TP2009	1-535-757-11	CHIP, CHECKER	
TP2010	1-535-757-11	CHIP, CHECKER	
TP2011	1-535-757-11	CHIP, CHECKER	
TP2012	1-535-757-11	CHIP, CHECKER	
TP2013	1-535-757-11	CHIP, CHECKER	
TP2014	1-535-757-11	CHIP, CHECKER	
TP2015	1-535-757-11	CHIP, CHECKER	
TP2016	1-535-757-11	CHIP, CHECKER	
TP2017	1-535-757-11	CHIP, CHECKER	
TP2018	1-535-757-11	CHIP, CHECKER	
TP2019	1-535-757-11	CHIP, CHECKER	
TP2020	1-535-757-11	CHIP, CHECKER	
TP2021	1-535-757-11	CHIP, CHECKER	
TP2022	1-535-757-11	CHIP, CHECKER	
TP2023	1-535-757-11	CHIP, CHECKER	
TP2024	1-535-757-11	CHIP, CHECKER	
TP2025	1-535-757-11	CHIP, CHECKER	
TP2026	1-535-757-11	CHIP, CHECKER	
TP2027	1-535-757-11	CHIP, CHECKER	
TP2028	1-535-757-11	CHIP, CHECKER	
TP2029	1-535-757-11	CHIP, CHECKER	
TP2030	1-535-757-11	CHIP, CHECKER	
TP2031	1-535-757-11	CHIP, CHECKER	
TP2032	1-535-757-11	CHIP, CHECKER	
TP2033	1-535-757-11	CHIP, CHECKER	
TP2034	1-535-757-11	CHIP, CHECKER	
TP2035	1-535-757-11	CHIP, CHECKER	
TP2036	1-535-757-11	CHIP, CHECKER	
TP2037	1-535-757-11	CHIP, CHECKER	
TP2038	1-535-757-11	CHIP, CHECKER	
TP2039	1-535-757-11	CHIP, CHECKER	
TP2040	1-535-757-11	CHIP, CHECKER	
TP2041	1-535-757-11	CHIP, CHECKER	
TP2042	1-535-757-11	CHIP, CHECKER	
TP2043	1-535-757-11	CHIP, CHECKER	
TP2044	1-535-757-11	CHIP, CHECKER	
TP2045	1-535-757-11	CHIP, CHECKER	
TP2046	1-535-757-11	CHIP, CHECKER	
TP2047	1-535-757-11	CHIP, CHECKER	
TP2048	1-535-757-11	CHIP, CHECKER	
TP2049	1-535-757-11	CHIP, CHECKER	
TP2052	1-535-757-11	CHIP, CHECKER	
TP2053	1-535-757-11	CHIP, CHECKER	
TP2054	1-535-757-11	CHIP, CHECKER	
TP2055	1-535-757-11	CHIP, CHECKER	
TP2056	1-535-757-11	CHIP, CHECKER	
TP2057	1-535-757-11	CHIP, CHECKER	
TP2058	1-535-757-11	CHIP, CHECKER	
TP2059	1-535-757-11	CHIP, CHECKER	
TP2060	1-535-757-11	CHIP, CHECKER	
TP2061	1-535-757-11	CHIP, CHECKER	
TP2062	1-535-757-11	CHIP, CHECKER	
TP2063	1-535-757-11	CHIP, CHECKER	
TP2064	1-535-757-11	CHIP, CHECKER	
TP2065	1-535-757-11	CHIP, CHECKER	
TP2066	1-535-757-11	CHIP, CHECKER	
TP2067	1-535-757-11	CHIP, CHECKER	
TP2068	1-535-757-11	CHIP, CHECKER	
TP2069	1-535-757-11	CHIP, CHECKER	
TP2070	1-535-757-11	CHIP, CHECKER	
TP2071	1-535-757-11	CHIP, CHECKER	
TP2072	1-535-757-11	CHIP, CHECKER	
TP2073	1-535-757-11	CHIP, CHECKER	
TP2074	1-535-757-11	CHIP, CHECKER	
TP2075	1-535-757-11	CHIP, CHECKER	

Rf.NO.	PART NO.	DESCRIPTION	REMARK
TP2076	1-535-757-11	CHIP, CHECKER	
TP2077	1-535-757-11	CHIP, CHECKER	
TP2078	1-535-757-11	CHIP, CHECKER	
TP2079	1-535-757-11	CHIP, CHECKER	
TP2082	1-535-757-11	CHIP, CHECKER	
TP2083	1-535-757-11	CHIP, CHECKER	
TP2084	1-535-757-11	CHIP, CHECKER	
TP2085	1-535-757-11	CHIP, CHECKER	
TP2086	1-535-757-11	CHIP, CHECKER	
TP2087	1-535-757-11	CHIP, CHECKER	
TP2088	1-535-757-11	CHIP, CHECKER	
TP2089	1-535-757-11	CHIP, CHECKER	
TP2090	1-535-757-11	CHIP, CHECKER	
TP2091	1-535-757-11	CHIP, CHECKER	
TP2092	1-535-757-11	CHIP, CHECKER	
TP2093	1-535-757-11	CHIP, CHECKER	
TP2094	1-535-757-11	CHIP, CHECKER	
TP2095	1-535-757-11	CHIP, CHECKER	
TP2096	1-535-757-11	CHIP, CHECKER	
TP2097	1-535-757-11	CHIP, CHECKER	
TP2098	1-535-757-11	CHIP, CHECKER	
TP2099	1-535-757-11	CHIP, CHECKER	
TP2100	1-535-757-11	CHIP, CHECKER	
TP2101	1-535-757-11	CHIP, CHECKER	
TP2102	1-535-757-11	CHIP, CHECKER	
TP2103	1-535-757-11	CHIP, CHECKER	
TP2104	1-535-757-11	CHIP, CHECKER	
TP2105	1-535-757-11	CHIP, CHECKER	
TP2106	1-535-757-11	CHIP, CHECKER	
TP2107	1-535-757-11	CHIP, CHECKER	
TP2108	1-535-757-11	CHIP, CHECKER	
TP2109	1-535-757-11	CHIP, CHECKER	
TP2110	1-535-757-11	CHIP, CHECKER	
TP2111	1-535-757-11	CHIP, CHECKER	
TP2112	1-535-757-11	CHIP, CHECKER	
TP2113	1-535-757-11	CHIP, CHECKER	
TP2114	1-535-757-11	CHIP, CHECKER	
TP2115	1-535-757-11	CHIP, CHECKER	
TP2116	1-535-757-11	CHIP, CHECKER	
TP2117	1-535-757-11	CHIP, CHECKER	
TP2118	1-535-757-11	CHIP, CHECKER	
TP2119	1-535-757-11	CHIP, CHECKER	
TP2120	1-535-757-11	CHIP, CHECKER	
TP2121	1-535-757-11	CHIP, CHECKER	
TP2122	1-535-757-11	CHIP, CHECKER	
TP2140	1-535-757-11	CHIP, CHECKER	
TP2141	1-535-757-11	CHIP, CHECKER	
TP2142	1-535-757-11	CHIP, CHECKER	
TP2143	1-535-757-11	CHIP, CHECKER	
TP2144	1-535-757-11	CHIP, CHECKER	
TP2145	1-535-757-11	CHIP, CHECKER	
TP2146	1-535-757-11	CHIP, CHECKER	
TP2147	1-535-757-11	CHIP, CHECKER	
TP2148	1-535-757-11	CHIP, CHECKER	
TP2149	1-535-757-11	CHIP, CHECKER	
TP2150	1-535-757-11	CHIP, CHECKER	
TP2151	1-535-757-11	CHIP, CHECKER	
TP2152	1-535-757-11	CHIP, CHECKER	
TP2153	1-535-757-11	CHIP, CHECKER	

Rf.NO.	PART NO.	DESCRIPTION			REMARK
		<CRYSTAL>			
X2001	1-781-063-11	OSCILLATOR, CRYSTAL (70MHZ)			
**********					
	* A-1394-893-A	CGI BOARD, COMPLETE			
		**********			
	1-562-579-21	RECEPTACLE, CONNECTOR 2P			
	* 4-066-084-01	INSERTER EXTRACTER			
	4-334-240-00	HOLDER, LED			
		<CAPACITOR>			
C4001	1-126-395-11	ELECT CHIP	22MF	20% 16V	
C4002	1-126-395-11	ELECT CHIP	22MF	20% 16V	
C4003	1-126-395-11	ELECT CHIP	22MF	20% 16V	
C4004	1-163-105-00	CERAMIC CHIP	33PF	5% 50V	
C4005	1-163-105-00	CERAMIC CHIP	33PF	5% 50V	
C4006	1-126-395-11	ELECT CHIP	22MF	20% 16V	
C4007	1-126-394-11	ELECT CHIP	10MF	20% 16V	
C4008	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4009	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4010	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4011	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4012	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4013	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4014	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4015	1-126-394-11	ELECT CHIP	10MF	20% 16V	
C4016	1-164-344-11	CERAMIC CHIP	0.068MF	10% 25V	
C4017	1-126-394-11	ELECT CHIP	10MF	20% 16V	
C4018	1-163-017-00	CERAMIC CHIP	0.0047MF	10% 50V	
C4020	1-163-021-91	CERAMIC CHIP	0.01MF	10% 50V	
C4021	1-128-006-11	ELECT CHIP	4.7MF	20% 25V	
C4022	1-126-394-11	ELECT CHIP	10MF	20% 16V	
C4023	1-126-395-11	ELECT CHIP	22MF	20% 16V	
C4024	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4026	1-163-117-00	CERAMIC CHIP	100PF	5% 50V	
C4027	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4029	1-163-117-00	CERAMIC CHIP	100PF	5% 50V	
C4030	1-163-009-11	CERAMIC CHIP	0.001MF	10% 50V	
C4031	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4032	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4034	1-126-395-11	ELECT CHIP	22MF	20% 16V	
C4035	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4036	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4037	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4038	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4039	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4040	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4041	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4042	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4043	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4045	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4046	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4047	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4048	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4064	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4067	1-163-251-11	CERAMIC CHIP	100PF	5% 50V	
C4068	1-163-085-00	CERAMIC CHIP	2PF	0.25PF 50V	
C4069	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C4070	1-163-038-91	CERAMIC CHIP	0.1MF	25V	

Rf.NO.	PART NO.	DESCRIPTION			REMARK
C4071	1-163-105-00	CERAMIC CHIP 33PF		5%	50V
C4072	1-163-105-00	CERAMIC CHIP 33PF		5%	50V
C4073	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4074	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4075	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4076	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4077	1-126-394-11	ELECT CHIP	10MF	20%	16V
C4078	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4079	1-163-009-11	CERAMIC CHIP 0.001MF		10%	50V
C4080	1-135-070-00	TANTAL. CHIP	0.1MF	20%	35V
C4081	1-107-686-11	TANTAL. CHIP 4.7MF		20%	16V
C4082	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4083	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4084	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4085	1-163-234-11	CERAMIC CHIP 20PF		5%	50V
C4086	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4087	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4088	1-126-603-11	ELECT CHIP	4.7MF	20%	16V
C4089	1-163-234-11	CERAMIC CHIP 20PF		5%	50V
C4090	1-163-093-00	CERAMIC CHIP 10PF		10%	50V
C4091	1-163-009-11	CERAMIC CHIP 0.001MF		10%	50V
C4092	1-163-009-11	CERAMIC CHIP 0.001MF		10%	50V
C4093	1-163-009-11	CERAMIC CHIP 0.001MF		10%	50V
C4096	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4099	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4100	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4101	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4102	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4103	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4104	1-163-009-11	CERAMIC CHIP 0.001MF		10%	50V
C4105	1-163-009-11	CERAMIC CHIP 0.001MF		10%	50V
C4106	1-163-009-11	CERAMIC CHIP 0.001MF		10%	50V
C4107	1-126-395-11	ELECT CHIP	22MF	20%	16V
C4108	1-126-395-11	ELECT CHIP	22MF	20%	16V
C4109	1-126-395-11	ELECT CHIP	22MF	20%	16V
C4110	1-163-011-11	CERAMIC CHIP 0.0015MF		10%	50V
C4111	1-163-011-11	CERAMIC CHIP 0.0015MF		10%	50V
C4112	1-163-011-11	CERAMIC CHIP 0.0015MF		10%	50V
C4113	1-163-085-00	CERAMIC CHIP 2PF		0.25PF	50V
C4114	1-163-085-00	CERAMIC CHIP 2PF		0.25PF	50V
C4115	1-163-085-00	CERAMIC CHIP 2PF		0.25PF	50V
C4116	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4117	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4118	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4119	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4120	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4121	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4122	1-163-105-00	CERAMIC CHIP 33PF		5%	50V
C4123	1-163-105-00	CERAMIC CHIP 33PF		5%	50V
C4124	1-163-105-00	CERAMIC CHIP 33PF		5%	50V
C4125	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4126	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4127	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4128	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4129	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4130	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4131	1-163-105-00	CERAMIC CHIP 33PF		5%	50V
C4132	1-163-105-00	CERAMIC CHIP 33PF		5%	50V
C4133	1-163-105-00	CERAMIC CHIP 33PF		5%	50V
C4134	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4135	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4136	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4137	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4138	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4139	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4140	1-126-395-11	ELECT CHIP	22MF	20%	16V
C4141	1-126-395-11	ELECT CHIP	22MF	20%	16V
C4142	1-126-395-11	ELECT CHIP	22MF	20%	16V
C4143	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4144	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4145	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4146	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4147	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4148	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4149	1-163-234-11	CERAMIC CHIP 20PF		5%	50V
C4150	1-163-234-11	CERAMIC CHIP 20PF		5%	50V
C4151	1-163-234-11	CERAMIC CHIP 20PF		5%	50V
C4152	1-126-395-11	ELECT CHIP	22MF	20%	16V
C4153	1-126-395-11	ELECT CHIP	22MF	20%	16V
C4154	1-126-395-11	ELECT CHIP	22MF	20%	16V
C4155	1-163-021-91	CERAMIC CHIP 0.01MF		10%	50V
C4156	1-163-021-91	CERAMIC CHIP 0.01MF		10%	50V
C4157	1-163-021-91	CERAMIC CHIP 0.01MF		10%	50V
C4158	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4159	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4160	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4161	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4162	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4163	1-163-021-91	CERAMIC CHIP 0.01MF		10%	50V
C4164	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4165	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4166	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4167	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4168	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4169	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4170	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4171	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4172	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4173	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4174	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4175	1-126-394-11	ELECT CHIP	10MF	20%	16V
C4176	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4177	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4178	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4179	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4180	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4181	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4182	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4183	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4184	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4185	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4186	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4187	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4188	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4189	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4190	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4191	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4192	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4193	1-163-038-91	CERAMIC CHIP 0.1MF			25V
C4194	1-163-038-91	CERAMIC CHIP 0.1MF			25V

Rf.NO.	PART NO.	DESCRIPTION	REMARK
C4195	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4196	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4199	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4200	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4201	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4202	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4203	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4204	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4205	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4206	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4207	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4208	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4209	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4210	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4211	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4212	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4213	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4214	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4215	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4216	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4217	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4219	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4220	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4221	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4222	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4223	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4224	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4225	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4226	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4227	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4228	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4229	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4230	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4231	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4232	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4233	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4234	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4235	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4236	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4237	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4238	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4239	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4240	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4241	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4242	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4243	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4244	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4245	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4246	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4247	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4248	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4249	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4250	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4251	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4252	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4253	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4254	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4255	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4256	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4257	1-163-038-91	CERAMIC CHIP 0.1MF	25V

Rf.NO.	PART NO.	DESCRIPTION	REMARK
C4258	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4259	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4262	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4263	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4264	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4265	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4266	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4267	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4270	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4271	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4272	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4273	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4274	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4275	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4278	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4279	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4280	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4281	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4282	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4283	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4284	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4285	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4286	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4289	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4290	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4291	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4292	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4293	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4294	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4297	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4298	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4299	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4300	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4301	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4302	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4303	1-126-206-11	ELECT CHIP 100MF 20%	6.3V
C4304	1-126-206-11	ELECT CHIP 100MF 20%	6.3V
C4305	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4306	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4307	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4308	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4309	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4310	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4311	1-126-206-11	ELECT CHIP 100MF 20%	6.3V
C4312	1-126-206-11	ELECT CHIP 100MF 20%	6.3V
C4313	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4314	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4315	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4316	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4317	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4318	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4321	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4322	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4323	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4324	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4325	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4326	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4329	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4330	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4331	1-163-038-91	CERAMIC CHIP 0.1MF	25V

Rf.NO.	PART NO.	DESCRIPTION	REMARK
C4332	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4333	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4334	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4335	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4336	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4337	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4338	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4339	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4340	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4341	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4342	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4345	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4346	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4347	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4348	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4349	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4350	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4353	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4354	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4355	1-117-681-11	ELECT CHIP 100MF 20%	16V
C4356	1-117-681-11	ELECT CHIP 100MF 20%	16V
C4357	1-117-681-11	ELECT CHIP 100MF 20%	16V
C4358	1-117-681-11	ELECT CHIP 100MF 20%	16V
C4359	1-117-681-11	ELECT CHIP 100MF 20%	16V
C4361	1-163-021-91	CERAMIC CHIP 0.01MF 10%	50V
C4362	1-163-021-91	CERAMIC CHIP 0.01MF 10%	50V
C4363	1-163-021-91	CERAMIC CHIP 0.01MF 10%	50V
C4364	1-163-021-91	CERAMIC CHIP 0.01MF 10%	50V
C4365	1-163-021-91	CERAMIC CHIP 0.01MF 10%	50V
C4366	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4367	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4368	1-163-021-91	CERAMIC CHIP 0.01MF 10%	50V
C4369	1-163-021-91	CERAMIC CHIP 0.01MF 10%	50V
C4370	1-163-021-91	CERAMIC CHIP 0.01MF 10%	50V
C4371	1-163-021-91	CERAMIC CHIP 0.01MF 10%	50V
C4372	1-163-021-91	CERAMIC CHIP 0.01MF 10%	50V
C4373	1-117-681-11	ELECT CHIP 100MF 20%	16V
C4374	1-117-681-11	ELECT CHIP 100MF 20%	16V
C4375	1-117-681-11	ELECT CHIP 100MF 20%	16V
C4376	1-117-681-11	ELECT CHIP 100MF 20%	16V
C4377	1-117-681-11	ELECT CHIP 100MF 20%	16V
C4378	1-126-918-51	ELECT 4700MF 20%	6.3V
C4379	1-126-918-51	ELECT 4700MF 20%	6.3V
C4380	1-126-918-51	ELECT 4700MF 20%	6.3V
C4381	1-126-918-51	ELECT 4700MF 20%	6.3V
C4382	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4401	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4402	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C4403	1-163-038-91	CERAMIC CHIP 0.1MF	25V
		<CONNECTOR>	
CN4002	1-691-506-21	PIN, CONNECTOR 10P	
CN4003	1-564-952-21	PIN, CONNECTOR 4P	
		<DIODE>	
D4001	8-719-021-31	DIODE UZM5.1B	
D4005	8-719-988-62	DIODE 1SS355	
D4006	8-719-988-62	DIODE 1SS355	
D4007	8-719-157-11	DIODE RD3.3M-B	
D4008	8-719-955-04	DIODE PY5504S-1	
D4009	8-719-955-04	DIODE PY5504S-1	
D4010	8-719-955-04	DIODE PY5504S-1	
		<CIRCUIT BREAKER>	
F4001	⚠1-533-983-11	BREAKER, CIRCUIT (3.15A)	
F4002	⚠1-533-983-11	BREAKER, CIRCUIT (3.15A)	
F4003	⚠1-533-983-11	BREAKER, CIRCUIT (3.15A)	
		<FILTER>	
FL4001	1-421-773-11	FILTER, NOISE REMOVAL	
FL4002	1-421-773-11	FILTER, NOISE REMOVAL	
FL4003	1-421-773-11	FILTER, NOISE REMOVAL	
FL4004	1-421-773-11	FILTER, NOISE REMOVAL	
FL4005	1-421-773-11	FILTER, NOISE REMOVAL	
FL4009	1-239-558-11	FILTER, CHIP EMI	
FL4010	1-239-558-11	FILTER, CHIP EMI	
		<IC>	
IC4001	8-759-541-76	IC M52346SP	
IC4002	8-759-244-85	IC TC74AC574F	
IC4003	8-759-244-75	IC TC74AC541F	
IC4004	8-759-243-45	IC TC74ACT02F	
IC4005	8-759-244-75	IC TC74AC541F	
IC4006	8-759-243-82	IC TC74AC151F	
IC4007	8-759-243-41	IC TC74ACT00F	
IC4008	8-759-243-06	IC TC74AC04F	
IC4010	8-759-267-86	IC SN74HC00ANS-E20	
IC4011	8-759-239-62	IC TC74HC279AF	
IC4012	8-759-925-78	IC SN74HC10ANS	
IC4015	8-759-243-39	IC TC74AC00F	
IC4016	8-759-243-06	IC TC74AC04F	
IC4017	8-759-243-09	IC TC74AC74F	
IC4018	8-759-243-06	IC TC74AC04F	
IC4019	8-759-244-04	IC TC74AC163F	
IC4020	8-759-009-51	IC MC14538BF	
IC4021	8-759-239-58	IC TC74HC221AF	
IC4022	8-759-008-67	IC MC14066BF	
IC4023	8-759-244-04	IC TC74AC163F	
IC4024	8-759-244-04	IC TC74AC163F	
IC4025	8-759-983-69	IC LM358PS	
IC4026	8-759-012-02	IC MC10H124M	
IC4027	8-759-348-90	IC AV9173-01CS8T	
IC4029	8-759-981-48	IC TL082M	
IC4030	8-759-981-48	IC TL082M	
IC4031	8-759-981-48	IC TL082M	
IC4032	8-759-983-10	IC MAX452CSA	
IC4033	8-759-983-10	IC MAX452CSA	
IC4034	8-759-983-10	IC MAX452CSA	
IC4035	8-759-091-42	IC CA3080M	
IC4036	8-759-091-42	IC CA3080M	
IC4037	8-759-091-42	IC CA3080M	
IC4038	8-759-996-34	IC LM360M	
IC4039	8-759-996-34	IC LM360M	
IC4040	8-759-996-34	IC LM360M	
IC4041	8-752-088-20	IC CXA1386P	

Rf.NO.	PART NO.	DESCRIPTION	REMARK
IC4042	8-752-088-20	IC CXA1386P	
IC4043	8-752-088-20	IC CXA1386P	
IC4044	8-759-243-53	IC TC74AC10P	
IC4045	8-759-981-48	IC TL082M	
IC4046	8-759-012-13	IC MC10H125M	
IC4047	8-759-012-13	IC MC10H125M	
IC4048	8-759-012-13	IC MC10H125M	
IC4049	8-759-243-09	IC TC74AC74F	
IC4050	8-759-012-13	IC MC10H125M	
IC4051	8-759-012-13	IC MC10H125M	
IC4052	8-759-012-13	IC MC10H125M	
IC4053	8-759-245-77	IC TC74ACT574F	
IC4054	8-759-245-77	IC TC74ACT574F	
IC4055	8-759-245-77	IC TC74ACT574F	
IC4056	8-759-439-25	IC TMS4C2972-26DTR	
IC4057	8-759-439-25	IC TMS4C2972-26DTR	
IC4058	8-759-439-25	IC TMS4C2972-26DTR	
IC4059	8-759-439-25	IC TMS4C2972-26DTR	
IC4060	8-759-243-06	IC TC74AC04F	
IC4061	8-759-925-90	IC SN74HC74ANS	
IC4062	8-759-243-06	IC TC74AC04F	
IC4063	8-759-244-04	IC TC74AC163F	
IC4064	8-759-171-33	IC PALCE16V8Q-25PC-FCA	
IC4065	8-759-171-35	IC PALCE16V8Q-25PC-FCB	
IC4066	8-759-244-04	IC TC74AC163F	
IC4067	8-759-244-04	IC TC74AC163F	
IC4068	8-759-171-34	IC PALCE16V8Q-25PC-MWC1	
IC4069	8-759-171-28	IC PALCE16V8Q-25PC-MWC2	
IC4070	8-759-244-04	IC TC74AC163F	
IC4071	8-759-244-04	IC TC74AC163F	
IC4072	8-759-925-90	IC SN74HC74ANS	
IC4073	8-759-032-11	IC MC74HC04AF	
IC4074	8-759-267-86	IC SN74HC00ANS-E20	
IC4075	8-759-925-90	IC SN74HC74ANS	
IC4076	8-759-171-38	IC PALCE16V8Q-25PC-MRC2	
IC4077	8-759-171-41	IC PALCE16V8Q-25PC-MRC1	
IC4078	8-759-171-39	IC PALCE16V8Q-25PC-SNA	
IC4079	8-759-925-90	IC SN74HC74ANS	
IC4080	8-759-171-43	IC PALCE16V8Q-25PC-SNB	
IC4081	8-759-171-37	IC PALCE16V8Q-25PC-SND	
IC4082	8-759-171-42	IC PALCE16V8Q-25PC-SNC	
IC4084	8-759-243-06	IC TC74AC04F	
IC4085	8-759-243-80	IC TC74ACT139F	
IC4086	8-759-243-80	IC TC74ACT139F	
IC4087	8-759-243-80	IC TC74ACT139F	
IC4088	8-759-239-64	IC TC74HC590AF	
IC4089	8-759-239-64	IC TC74HC590AF	
IC4090	8-759-239-64	IC TC74HC590AF	
IC4091	8-759-926-05	IC SN74HC125ANS	
IC4092	8-759-239-64	IC TC74HC590AF	
IC4093	8-759-239-64	IC TC74HC590AF	
IC4094	8-759-239-64	IC TC74HC590AF	
IC4095	8-759-243-06	IC TC74AC04F	
IC4096	8-759-239-64	IC TC74HC590AF	
IC4097	8-759-239-64	IC TC74HC590AF	
IC4098	8-759-239-64	IC TC74HC590AF	
IC4099	8-759-926-05	IC SN74HC125ANS	
IC4100	8-759-239-64	IC TC74HC590AF	
IC4101	8-759-239-64	IC TC74HC590AF	
IC4102	8-759-239-64	IC TC74HC590AF	
IC4103	8-759-434-69	IC 74AC241SJX	
IC4104	8-759-434-69	IC 74AC241SJX	
IC4105	8-759-434-69	IC 74AC241SJX	
IC4106	8-759-434-69	IC 74AC241SJX	
IC4107	8-759-434-69	IC 74AC241SJX	
IC4108	8-759-434-69	IC 74AC241SJX	
IC4109	8-759-434-69	IC 74AC241SJX	
IC4110	8-759-434-69	IC 74AC241SJX	
IC4111	8-759-434-69	IC 74AC241SJX	
IC4112	8-759-434-69	IC 74AC241SJX	
IC4113	8-759-434-69	IC 74AC241SJX	
IC4114	8-759-434-69	IC 74AC241SJX	
IC4115	8-759-434-69	IC 74AC241SJX	
IC4116	8-759-434-69	IC 74AC241SJX	
IC4117	8-759-434-69	IC 74AC241SJX	
IC4118	8-759-434-69	IC 74AC241SJX	
IC4119	8-759-434-69	IC 74AC241SJX	
IC4120	8-759-434-69	IC 74AC241SJX	
IC4121	8-759-245-77	IC TC74ACT574F	
IC4122	8-759-245-77	IC TC74ACT574F	
IC4123	8-759-542-73	IC MB8117800A-60PF	
IC4124	8-759-542-73	IC MB8117800A-60PF	
IC4125	8-759-245-77	IC TC74ACT574F	
IC4126	8-759-245-77	IC TC74ACT574F	
IC4127	8-759-245-77	IC TC74ACT574F	
IC4128	8-759-245-77	IC TC74ACT574F	
IC4129	8-759-542-73	IC MB8117800A-60PF	
IC4130	8-759-542-73	IC MB8117800A-60PF	
IC4131	8-759-245-77	IC TC74ACT574F	
IC4132	8-759-245-77	IC TC74ACT574F	
IC4133	8-759-245-77	IC TC74ACT574F	
IC4134	8-759-245-77	IC TC74ACT574F	
IC4135	8-759-542-73	IC MB8117800A-60PF	
IC4136	8-759-542-73	IC MB8117800A-60PF	
IC4137	8-759-245-77	IC TC74ACT574F	
IC4138	8-759-245-77	IC TC74ACT574F	
IC4139	8-759-032-11	IC MC74HC04AF	
IC4140	8-759-925-90	IC SN74HC74ANS	
IC4141	8-759-925-90	IC SN74HC74ANS	
IC4142	8-759-245-77	IC TC74ACT574F	
IC4143	8-759-245-77	IC TC74ACT574F	
IC4144	8-759-542-73	IC MB8117800A-60PF	
IC4145	8-759-542-73	IC MB8117800A-60PF	
IC4146	8-759-245-77	IC TC74ACT574F	
IC4147	8-759-245-77	IC TC74ACT574F	
IC4148	8-759-245-77	IC TC74ACT574F	
IC4149	8-759-245-77	IC TC74ACT574F	
IC4150	8-759-542-73	IC MB8117800A-60PF	
IC4151	8-759-542-73	IC MB8117800A-60PF	
IC4152	8-759-245-77	IC TC74ACT574F	
IC4153	8-759-245-77	IC TC74ACT574F	
IC4154	8-759-245-77	IC TC74ACT574F	
IC4155	8-759-245-77	IC TC74ACT574F	
IC4156	8-759-542-73	IC MB8117800A-60PF	
IC4157	8-759-542-73	IC MB8117800A-60PF	
IC4158	8-759-245-77	IC TC74ACT574F	
IC4159	8-759-245-77	IC TC74ACT574F	
IC4160	8-759-245-77	IC TC74ACT574F	
IC4161	8-759-245-77	IC TC74ACT574F	
IC4162	8-759-542-73	IC MB8117800A-60PF	

Rf.NO.	PART NO.	DESCRIPTION	REMARK
IC4163	8-759-542-73	IC MB8117800A-60PF	
IC4164	8-759-245-77	IC TC74ACT574F	
IC4165	8-759-245-77	IC TC74ACT574F	
IC4166	8-759-245-77	IC TC74ACT574F	
IC4167	8-759-245-77	IC TC74ACT574F	
IC4168	8-759-542-73	IC MB8117800A-60PF	
IC4169	8-759-542-73	IC MB8117800A-60PF	
IC4170	8-759-245-77	IC TC74ACT574F	
IC4171	8-759-245-77	IC TC74ACT574F	
IC4172	8-759-245-77	IC TC74ACT574F	
IC4173	8-759-245-77	IC TC74ACT574F	
IC4174	8-759-542-73	IC MB8117800A-60PF	
IC4175	8-759-542-73	IC MB8117800A-60PF	
IC4176	8-759-245-77	IC TC74ACT574F	
IC4177	8-759-245-77	IC TC74ACT574F	
IC4178	8-759-244-71	IC TC74AC540F	
IC4179	8-759-244-75	IC TC74AC541F	
IC4180	8-759-985-55	IC 74AC245SJ	
IC4181	8-759-239-98	IC TC74HC30AF	
IC4182	8-759-243-74	IC TC74AC138F	
IC4183	8-759-243-74	IC TC74AC138F	
IC4184	8-759-244-85	IC TC74AC574F	
IC4185	8-759-244-85	IC TC74AC574F	
IC4186	8-759-244-85	IC TC74AC574F	
IC4187	8-759-244-85	IC TC74AC574F	
IC4190	8-759-244-85	IC TC74AC574F	
IC4191	8-759-244-85	IC TC74AC574F	
IC4192	8-759-244-75	IC TC74AC541F	
IC4193	8-759-244-75	IC TC74AC541F	
IC4194	8-759-244-75	IC TC74AC541F	
IC4195	8-759-244-75	IC TC74AC541F	
IC4198	8-759-244-75	IC TC74AC541F	
IC4199	8-759-244-75	IC TC74AC541F	
IC4200	8-759-925-90	IC SN74HC74ANS	
IC4206	8-759-431-39	IC MAX8213BCSE-TE2	
IC4207	8-759-244-04	IC TC74AC163F	
		<IC SOCKET>	
IS4064	1-526-656-00	SOCKET, IC (DP) 20P	
IS4065	1-526-656-00	SOCKET, IC (DP) 20P	
IS4068	1-526-656-00	SOCKET, IC (DP) 20P	
IS4069	1-526-656-00	SOCKET, IC (DP) 20P	
IS4076	1-526-656-00	SOCKET, IC (DP) 20P	
IS4077	1-526-656-00	SOCKET, IC (DP) 20P	
IS4078	1-526-656-00	SOCKET, IC (DP) 20P	
IS4080	1-526-656-00	SOCKET, IC (DP) 20P	
IS4081	1-526-656-00	SOCKET, IC (DP) 20P	
IS4082	1-526-656-00	SOCKET, IC (DP) 20P	
		<COIL>	
L4010	1-408-793-21	INDUCTOR CHIP	220UH
L4011	1-408-793-21	INDUCTOR CHIP	220UH
L4012	1-408-793-21	INDUCTOR CHIP	220UH
L4013	1-408-793-21	INDUCTOR CHIP	220UH
L4014	1-414-813-11	FERRITE	0UH
L4015	1-414-813-11	FERRITE	0UH
L4016	1-414-813-11	FERRITE	0UH
L4017	1-414-551-11	FERRITE	0UH

Rf.NO.	PART NO.	DESCRIPTION			REMARK
		<TRANSISTOR>			
Q4002	8-729-216-22	TRANSISTOR 2SA1162-G			
Q4003	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q4004	8-729-232-86	TRANSISTOR 2SK1875			
Q4005	8-729-232-86	TRANSISTOR 2SK1875			
Q4006	8-729-232-86	TRANSISTOR 2SK1875			
Q4007	8-729-232-86	TRANSISTOR 2SK1875			
Q4008	8-729-232-86	TRANSISTOR 2SK1875			
Q4009	8-729-232-86	TRANSISTOR 2SK1875			
Q4010	8-729-216-22	TRANSISTOR 2SA1162-G			
Q4021	8-729-216-22	TRANSISTOR 2SA1162-G			
Q4022	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q4023	8-729-232-86	TRANSISTOR 2SK1875			
Q4024	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q4025	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q4026	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q4027	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
Q4028	8-729-216-22	TRANSISTOR 2SA1162-G			
Q4029	8-729-216-22	TRANSISTOR 2SA1162-G			
Q4030	8-729-216-22	TRANSISTOR 2SA1162-G			
		<RESISTOR>			
R4001	1-216-029-00	RES,CHIP	150	5%	1/10W
R4002	1-216-029-00	RES,CHIP	150	5%	1/10W
R4003	1-216-029-00	RES,CHIP	150	5%	1/10W
R4004	1-216-029-00	RES,CHIP	150	5%	1/10W
R4005	1-216-029-00	RES,CHIP	150	5%	1/10W
R4006	1-216-683-11	METAL CHIP	22K	0.50%	1/10W
R4007	1-216-683-11	METAL CHIP	22K	0.50%	1/10W
R4008	1-216-683-11	METAL CHIP	22K	0.50%	1/10W
R4009	1-216-605-11	METAL CHIP	12	0.50%	1/10W
R4010	1-216-605-11	METAL CHIP	12	0.50%	1/10W
R4011	1-216-605-11	METAL CHIP	12	0.50%	1/10W
R4012	1-216-605-11	METAL CHIP	12	0.50%	1/10W
R4013	1-216-683-11	METAL CHIP	22K	0.50%	1/10W
R4014	1-216-683-11	METAL CHIP	22K	0.50%	1/10W
R4015	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R4017	1-216-675-11	METAL CHIP	10K	0.50%	1/10W
R4018	1-216-605-11	METAL CHIP	12	0.50%	1/10W
R4019	1-216-651-11	METAL CHIP	1K	0.50%	1/10W
R4020	1-216-651-11	METAL CHIP	1K	0.50%	1/10W
R4021	1-216-615-11	METAL CHIP	33	0.50%	1/10W
R4022	1-216-615-11	METAL CHIP	33	0.50%	1/10W
R4023	1-216-615-11	METAL CHIP	33	0.50%	1/10W
R4025	1-216-605-11	METAL CHIP	12	0.50%	1/10W
R4026	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4027	1-216-687-11	METAL CHIP	33K	0.50%	1/10W
R4029	1-216-681-11	METAL CHIP	18K	0.50%	1/10W
R4030	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R4031	1-216-693-11	METAL CHIP	56K	0.50%	1/10W
R4032	1-216-687-11	METAL CHIP	33K	0.50%	1/10W
R4034	1-216-643-11	METAL CHIP	470	0.50%	1/10W
R4036	1-216-675-11	METAL CHIP	10K	0.50%	1/10W
R4037	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R4038	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R4039	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R4040	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4041	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4042	1-216-073-00	RES,CHIP	10K	5%	1/10W

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R4043	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4044	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4045	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4046	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4047	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4048	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4049	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4050	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4051	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4052	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4053	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4054	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4055	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4056	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4057	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4058	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4059	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4060	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4061	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4062	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4063	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4080	1-216-037-00	RES,CHIP	330	5%	1/10W
R4082	1-216-675-11	METAL CHIP	10K	0.50%	1/10W
R4083	1-216-629-11	METAL CHIP	120	0.50%	1/10W
R4084	1-216-605-11	METAL CHIP	12	0.50%	1/10W
R4085	1-216-675-11	METAL CHIP	10K	0.50%	1/10W
R4086	1-216-639-11	METAL CHIP	330	0.50%	1/10W
R4087	1-216-639-11	METAL CHIP	330	0.50%	1/10W
R4088	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R4089	1-216-651-11	METAL CHIP	1K	0.50%	1/10W
R4090	1-216-667-11	METAL CHIP	4.7K	0.50%	1/10W
R4091	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R4092	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R4093	1-216-651-11	METAL CHIP	1K	0.50%	1/10W
R4094	1-216-693-11	METAL CHIP	56K	0.50%	1/10W
R4095	1-216-611-11	METAL CHIP	22	0.50%	1/10W
R4096	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R4097	1-216-675-11	METAL CHIP	10K	0.50%	1/10W
R4098	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R4099	1-216-683-11	METAL CHIP	22K	0.50%	1/10W
R4100	1-216-611-11	METAL CHIP	22	0.50%	1/10W
R4101	1-216-681-11	METAL CHIP	18K	0.50%	1/10W
R4102	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R4103	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R4104	1-216-667-11	METAL CHIP	4.7K	0.50%	1/10W
R4105	1-216-667-11	METAL CHIP	4.7K	0.50%	1/10W
R4106	1-216-647-11	METAL CHIP	680	0.50%	1/10W
R4107	1-216-651-11	METAL CHIP	1K	0.50%	1/10W
R4108	1-216-681-11	METAL CHIP	18K	0.50%	1/10W
R4109	1-216-651-11	METAL CHIP	1K	0.50%	1/10W
R4110	1-216-667-11	METAL CHIP	4.7K	0.50%	1/10W
R4111	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R4112	1-216-651-11	METAL CHIP	1K	0.50%	1/10W
R4113	1-216-611-11	METAL CHIP	22	0.50%	1/10W
R4114	1-216-687-11	METAL CHIP	33K	0.50%	1/10W
R4115	1-216-677-11	METAL CHIP	12K	0.50%	1/10W
R4116	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R4117	1-216-647-11	METAL CHIP	680	0.50%	1/10W
R4118	1-216-651-11	METAL CHIP	1K	0.50%	1/10W
R4119	1-216-611-11	METAL CHIP	22	0.50%	1/10W
R4120	1-216-687-11	METAL CHIP	33K	0.50%	1/10W
R4121	1-216-677-11	METAL CHIP	12K	0.50%	1/10W
R4122	1-216-605-11	METAL CHIP	12	0.50%	1/10W
R4124	1-216-675-11	METAL CHIP	10K	0.50%	1/10W
R4125	1-216-675-11	METAL CHIP	10K	0.50%	1/10W
R4133	1-216-683-11	METAL CHIP	22K	0.50%	1/10W
R4134	1-216-683-11	METAL CHIP	22K	0.50%	1/10W
R4135	1-216-683-11	METAL CHIP	22K	0.50%	1/10W
R4136	1-216-603-11	METAL CHIP	10	0.50%	1/10W
R4137	1-216-603-11	METAL CHIP	10	0.50%	1/10W
R4138	1-216-603-11	METAL CHIP	10	0.50%	1/10W
R4139	1-216-667-11	METAL CHIP	4.7K	0.50%	1/10W
R4140	1-216-667-11	METAL CHIP	4.7K	0.50%	1/10W
R4141	1-216-667-11	METAL CHIP	4.7K	0.50%	1/10W
R4142	1-216-621-11	METAL CHIP	56	0.50%	1/10W
R4143	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R4144	1-216-621-11	METAL CHIP	56	0.50%	1/10W
R4145	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R4146	1-216-621-11	METAL CHIP	56	0.50%	1/10W
R4147	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R4148	1-216-635-11	METAL CHIP	220	0.50%	1/10W
R4149	1-216-635-11	METAL CHIP	220	0.50%	1/10W
R4150	1-216-635-11	METAL CHIP	220	0.50%	1/10W
R4151	1-216-671-11	METAL CHIP	6.8K	0.50%	1/10W
R4152	1-216-671-11	METAL CHIP	6.8K	0.50%	1/10W
R4153	1-216-671-11	METAL CHIP	6.8K	0.50%	1/10W
R4154	1-216-298-00	RES,CHIP	2.2	5%	1/10W
R4155	1-216-298-00	RES,CHIP	2.2	5%	1/10W
R4156	1-216-298-00	RES,CHIP	2.2	5%	1/10W
R4157	1-216-639-11	METAL CHIP	330	0.50%	1/10W
R4158	1-216-639-11	METAL CHIP	330	0.50%	1/10W
R4159	1-216-639-11	METAL CHIP	330	0.50%	1/10W
R4160	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R4161	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R4162	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R4163	1-216-697-91	METAL CHIP	82K	0.50%	1/10W
R4164	1-216-697-91	METAL CHIP	82K	0.50%	1/10W
R4165	1-216-697-91	METAL CHIP	82K	0.50%	1/10W
R4166	1-216-675-11	METAL CHIP	10K	0.50%	1/10W
R4167	1-216-675-11	METAL CHIP	10K	0.50%	1/10W
R4168	1-216-675-11	METAL CHIP	10K	0.50%	1/10W
R4169	1-216-635-11	METAL CHIP	220	0.50%	1/10W
R4170	1-216-635-11	METAL CHIP	220	0.50%	1/10W
R4171	1-216-635-11	METAL CHIP	220	0.50%	1/10W
R4172	1-216-611-11	METAL CHIP	22	0.50%	1/10W
R4173	1-216-611-11	METAL CHIP	22	0.50%	1/10W
R4174	1-216-611-11	METAL CHIP	22	0.50%	1/10W
R4175	1-216-298-00	RES,CHIP	2.2	5%	1/10W
R4176	1-216-298-00	RES,CHIP	2.2	5%	1/10W
R4177	1-216-298-00	RES,CHIP	2.2	5%	1/10W
R4178	1-216-298-00	RES,CHIP	2.2	5%	1/10W
R4179	1-216-298-00	RES,CHIP	2.2	5%	1/10W
R4180	1-216-298-00	RES,CHIP	2.2	5%	1/10W
R4181	1-216-649-11	METAL CHIP	820	0.50%	1/10W
R4182	1-216-649-11	METAL CHIP	820	0.50%	1/10W
R4183	1-216-649-11	METAL CHIP	820	0.50%	1/10W
R4184	1-216-611-11	METAL CHIP	22	0.50%	1/10W
R4185	1-216-611-11	METAL CHIP	22	0.50%	1/10W
R4186	1-216-611-11	METAL CHIP	22	0.50%	1/10W
R4187	1-216-651-11	METAL CHIP	1K	0.50%	1/10W

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R4188	1-216-651-11	METAL CHIP	1K	0.50%	1/10W
R4189	1-216-651-11	METAL CHIP	1K	0.50%	1/10W
R4190	1-216-651-11	METAL CHIP	1K	0.50%	1/10W
R4191	1-216-651-11	METAL CHIP	1K	0.50%	1/10W
R4192	1-216-651-11	METAL CHIP	1K	0.50%	1/10W
R4193	1-216-043-91	RES,CHIP	560	5%	1/10W
R4194	1-216-043-91	RES,CHIP	560	5%	1/10W
R4195	1-216-043-91	RES,CHIP	560	5%	1/10W
R4196	1-216-043-91	RES,CHIP	560	5%	1/10W
R4197	1-216-043-91	RES,CHIP	560	5%	1/10W
R4198	1-216-043-91	RES,CHIP	560	5%	1/10W
R4199	1-216-043-91	RES,CHIP	560	5%	1/10W
R4200	1-216-043-91	RES,CHIP	560	5%	1/10W
R4201	1-216-043-91	RES,CHIP	560	5%	1/10W
R4202	1-216-043-91	RES,CHIP	560	5%	1/10W
R4203	1-216-043-91	RES,CHIP	560	5%	1/10W
R4204	1-216-043-91	RES,CHIP	560	5%	1/10W
R4205	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R4206	1-216-043-91	RES,CHIP	560	5%	1/10W
R4207	1-216-043-91	RES,CHIP	560	5%	1/10W
R4208	1-216-043-91	RES,CHIP	560	5%	1/10W
R4209	1-216-043-91	RES,CHIP	560	5%	1/10W
R4210	1-216-043-91	RES,CHIP	560	5%	1/10W
R4211	1-216-043-91	RES,CHIP	560	5%	1/10W
R4212	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R4213	1-216-043-91	RES,CHIP	560	5%	1/10W
R4214	1-216-043-91	RES,CHIP	560	5%	1/10W
R4215	1-216-043-91	RES,CHIP	560	5%	1/10W
R4216	1-216-651-11	METAL CHIP	1K	0.50%	1/10W
R4217	1-216-043-91	RES,CHIP	560	5%	1/10W
R4218	1-216-043-91	RES,CHIP	560	5%	1/10W
R4219	1-216-043-91	RES,CHIP	560	5%	1/10W
R4220	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R4221	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4222	1-216-651-11	METAL CHIP	1K	0.50%	1/10W
R4223	1-216-655-11	METAL CHIP	1.5K	0.50%	1/10W
R4224	1-216-623-11	METAL CHIP	68	0.50%	1/10W
R4225	1-216-657-11	METAL CHIP	1.8K	0.50%	1/10W
R4226	1-216-655-11	METAL CHIP	1.5K	0.50%	1/10W
R4227	1-216-651-11	METAL CHIP	1K	0.50%	1/10W
R4228	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4229	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4230	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4231	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4232	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4233	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4234	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4235	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4236	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4237	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4238	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4239	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4240	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4241	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4242	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4243	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4244	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4245	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4246	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4247	1-216-627-11	METAL CHIP	100	0.50%	1/10W

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R4248	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4249	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4250	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4251	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4252	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4253	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4254	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4255	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R4256	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4257	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4258	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4259	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4260	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4261	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4262	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4263	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4264	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4265	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4266	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4267	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4268	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4269	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4270	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4271	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4272	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4273	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4274	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4275	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4276	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R4277	1-216-033-00	RES,CHIP	220	5%	1/10W
R4278	1-216-033-00	RES,CHIP	220	5%	1/10W
R4279	1-216-047-91	RES,CHIP	820	5%	1/10W
R4280	1-216-691-11	METAL CHIP	47K	0.50%	1/10W
R4281	1-216-691-11	METAL CHIP	47K	0.50%	1/10W
R4282	1-216-691-11	METAL CHIP	47K	0.50%	1/10W
R4283	1-216-681-11	METAL CHIP	18K	0.50%	1/10W
R4284	1-216-687-11	METAL CHIP	33K	0.50%	1/10W
R4285	1-216-675-11	METAL CHIP	10K	0.50%	1/10W
R4286	1-216-651-11	METAL CHIP	1K	0.50%	1/10W
R4287	1-216-029-00	RES,CHIP	150	5%	1/10W
R4288	1-216-029-00	RES,CHIP	150	5%	1/10W
R4289	1-216-029-00	RES,CHIP	150	5%	1/10W
R4290	1-216-029-00	RES,CHIP	150	5%	1/10W
R4291	1-216-029-00	RES,CHIP	150	5%	1/10W
R4292	1-216-663-11	METAL CHIP	3.3K	0.50%	1/10W
R4293	1-216-295-91	SHORT	0		

<VARIABLE RESISTOR>

RV4001	1-223-991-21	RES, CARBON ADJ VAR 1K
RV4002	1-223-581-11	RES, ADJ, CARBON 220
RV4003	1-223-581-11	RES, ADJ, CARBON 220
RV4004	1-223-581-11	RES, ADJ, CARBON 220
RV4005	1-223-990-21	RES, CARBON ADJ VAR 470
RV4006	1-223-990-21	RES, CARBON ADJ VAR 470
RV4007	1-223-990-21	RES, CARBON ADJ VAR 470
RV4008	1-223-990-21	RES, CARBON ADJ VAR 470
RV4009	1-223-990-21	RES, CARBON ADJ VAR 470

Rf.NO.	PART NO.	DESCRIPTION				REMARK
		<SWITCH>				
SW4001	1-553-977-00	SWITCH, SLIDE				
**********						
	* A-1394-914-A	COM BOARD, COMPLETE				
		**********				
	3-670-570-11	SPACER, SUPPORT				
		<CAPACITOR>				
C8001	1-126-206-11	ELECT CHIP	100MF	20%	6.3V	
C8003	1-126-204-11	ELECT CHIP	47MF	20%	16V	
C8005	1-126-206-11	ELECT CHIP	100MF	20%	6.3V	
C8006	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C8007	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C8008	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C8009	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C8010	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C8011	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
C8012	1-163-038-91	CERAMIC CHIP	0.1MF		25V	
		<CONNECTOR>				
CN8001	1-563-826-21	SOCKET, D-SUB CONNECTOR 15P				
CN8002	1-563-826-21	SOCKET, D-SUB CONNECTOR 15P				
CN8003	1-563-826-21	SOCKET, D-SUB CONNECTOR 15P				
CN8004	1-506-674-11	CONNECTOR 16P				
CN8005	1-563-826-21	SOCKET, D-SUB CONNECTOR 15P				
CN8006	* 1-785-098-11	PIN, CONNECTOR				
CN8007	1-695-915-11	TAB (CONTACT)				
		<DIODE>				
D8001	8-719-988-62	DIODE 1SS355				
D8002	8-719-988-62	DIODE 1SS355				
		<IC LINK>				
F8001	⚠1-533-282-11	LINK, IC (2A)				
		<FILTER>				
FL8001	1-233-556-21	FERRITE	0UH			
FL8002	1-233-556-21	FERRITE	0UH			
FL8003	1-233-556-21	FERRITE	0UH			
FL8004	1-233-556-21	FERRITE	0UH			
FL8005	1-233-556-21	FERRITE	0UH			
FL8006	1-233-556-21	FERRITE	0UH			
FL8007	1-233-556-21	FERRITE	0UH			
FL8008	1-233-556-21	FERRITE	0UH			
FL8009	1-233-556-21	FERRITE	0UH			
FL8010	1-233-556-21	FERRITE	0UH			
FL8011	1-239-899-21	FILTER, CHIP EMI				
FL8012	1-239-899-21	FILTER, CHIP EMI				
FL8013	1-239-899-21	FILTER, CHIP EMI				
FL8014	1-239-899-21	FILTER, CHIP EMI				
FL8015	1-421-773-11	FILTER, NOISE REMOVAL				
FL8016	1-421-773-11	FILTER, NOISE REMOVAL				

Rf.NO.	PART NO.	DESCRIPTION				REMARK
		<IC>				
IC8001	8-759-271-77	IC DS26C31TM				
IC8002	8-759-271-77	IC DS26C31TM				
IC8003	8-759-271-77	IC DS26C31TM				
IC8004	8-759-271-78	IC DS26C32ATM				
IC8005	8-759-271-78	IC DS26C32ATM				
IC8006	8-759-271-78	IC DS26C32ATM				
IC8007	8-759-925-80	IC SN74HC14ANS				
		<TRANSISTOR>				
Q8001	8-729-900-53	TRANSISTOR DTC114EK				
Q8002	8-729-900-53	TRANSISTOR DTC114EK				
		<RESISTOR>				
R8001	1-216-097-91	RES,CHIP	100K	5%	1/10W	
R8002	1-216-025-91	RES,CHIP	100	5%	1/10W	
R8003	1-216-097-91	RES,CHIP	100K	5%	1/10W	
R8004	1-216-025-91	RES,CHIP	100	5%	1/10W	
R8005	1-216-097-91	RES,CHIP	100K	5%	1/10W	
R8006	1-216-025-91	RES,CHIP	100	5%	1/10W	
R8007	1-216-097-91	RES,CHIP	100K	5%	1/10W	
R8008	1-216-025-91	RES,CHIP	100	5%	1/10W	
R8009	1-216-097-91	RES,CHIP	100K	5%	1/10W	
R8010	1-216-025-91	RES,CHIP	100	5%	1/10W	
R8011	1-216-097-91	RES,CHIP	100K	5%	1/10W	
R8012	1-216-025-91	RES,CHIP	100	5%	1/10W	
R8013	1-216-097-91	RES,CHIP	100K	5%	1/10W	
R8014	1-216-025-91	RES,CHIP	100	5%	1/10W	
R8015	1-216-097-91	RES,CHIP	100K	5%	1/10W	
R8016	1-216-025-91	RES,CHIP	100	5%	1/10W	
R8017	1-216-097-91	RES,CHIP	100K	5%	1/10W	
R8018	1-216-025-91	RES,CHIP	100	5%	1/10W	
R8019	1-216-097-91	RES,CHIP	100K	5%	1/10W	
R8020	1-216-025-91	RES,CHIP	100	5%	1/10W	
R8021	1-216-097-91	RES,CHIP	100K	5%	1/10W	
R8022	1-216-025-91	RES,CHIP	100	5%	1/10W	
R8023	1-216-097-91	RES,CHIP	100K	5%	1/10W	
R8024	1-216-025-91	RES,CHIP	100	5%	1/10W	
R8025	1-216-025-91	RES,CHIP	100	5%	1/10W	
R8026	1-216-025-91	RES,CHIP	100	5%	1/10W	
R8027	1-216-025-91	RES,CHIP	100	5%	1/10W	
R8028	1-216-073-00	RES,CHIP	10K	5%	1/10W	
R8029	1-216-073-00	RES,CHIP	10K	5%	1/10W	
R8030	1-216-073-00	RES,CHIP	10K	5%	1/10W	
R8031	1-216-073-00	RES,CHIP	10K	5%	1/10W	
R8032	1-216-073-00	RES,CHIP	10K	5%	1/10W	
R8033	1-216-073-00	RES,CHIP	10K	5%	1/10W	
R8034	1-216-097-91	RES,CHIP	100K	5%	1/10W	
R8035	1-216-097-91	RES,CHIP	100K	5%	1/10W	
R8036	1-216-097-91	RES,CHIP	100K	5%	1/10W	
R8037	1-216-097-91	RES,CHIP	100K	5%	1/10W	
R8038	1-216-097-91	RES,CHIP	100K	5%	1/10W	
R8039	1-216-097-91	RES,CHIP	100K	5%	1/10W	
R8040	1-216-025-91	RES,CHIP	100	5%	1/10W	
R8041	1-216-025-91	RES,CHIP	100	5%	1/10W	
R8042	1-216-025-91	RES,CHIP	100	5%	1/10W	
R8043	1-216-073-00	RES,CHIP	10K	5%	1/10W	
R8044	1-216-073-00	RES,CHIP	10K	5%	1/10W	

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Rf.NO.	PART NO.	DESCRIPTION			REMARK
R8045	1-216-073-00	RES,CHIP	10K	5%	1/10W
R8046	1-216-073-00	RES,CHIP	10K	5%	1/10W
R8047	1-216-073-00	RES,CHIP	10K	5%	1/10W
R8048	1-216-073-00	RES,CHIP	10K	5%	1/10W
R8049	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8050	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8051	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8052	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8053	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8054	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8055	1-216-025-91	RES,CHIP	100	5%	1/10W
R8056	1-216-025-91	RES,CHIP	100	5%	1/10W
R8057	1-216-025-91	RES,CHIP	100	5%	1/10W
R8058	1-216-073-00	RES,CHIP	10K	5%	1/10W
R8059	1-216-073-00	RES,CHIP	10K	5%	1/10W
R8060	1-216-073-00	RES,CHIP	10K	5%	1/10W
R8061	1-216-073-00	RES,CHIP	10K	5%	1/10W
R8062	1-216-073-00	RES,CHIP	10K	5%	1/10W
R8063	1-216-073-00	RES,CHIP	10K	5%	1/10W
R8064	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8065	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8066	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8067	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8068	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8069	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8070	1-216-025-91	RES,CHIP	100	5%	1/10W
R8071	1-216-025-91	RES,CHIP	100	5%	1/10W
R8072	1-216-025-91	RES,CHIP	100	5%	1/10W
R8073	1-216-073-00	RES,CHIP	10K	5%	1/10W
R8074	1-216-073-00	RES,CHIP	10K	5%	1/10W
R8075	1-216-073-00	RES,CHIP	10K	5%	1/10W
R8076	1-216-073-00	RES,CHIP	10K	5%	1/10W
R8077	1-216-073-00	RES,CHIP	10K	5%	1/10W
R8078	1-216-073-00	RES,CHIP	10K	5%	1/10W
R8079	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8080	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8081	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8082	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8083	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8084	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8085	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8086	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8087	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8088	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8089	1-216-097-91	RES,CHIP	100K	5%	1/10W

<RELAY>

RL8001	1-755-265-11	RELAY
RL8002	1-755-265-11	RELAY

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* A-1394-915-A DRV BOARD, COMPLETE

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<CAPACITOR>

C7001	1-126-206-11	ELECT CHIP	100MF	20%	6.3V
C7002	1-126-206-11	ELECT CHIP	100MF	20%	6.3V
C7003	1-126-206-11	ELECT CHIP	100MF	20%	6.3V
C7004	1-126-206-11	ELECT CHIP	100MF	20%	6.3V
C7005	1-126-206-11	ELECT CHIP	100MF	20%	6.3V
C7006	1-126-206-11	ELECT CHIP	100MF	20%	6.3V
C7007	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7008	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7009	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7010	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7011	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7012	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7013	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7014	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7015	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7016	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7017	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7018	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7019	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7020	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7021	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7022	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7023	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7024	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7025	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7026	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7027	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7028	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7029	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7030	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7031	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7032	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7033	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7034	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7035	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7036	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7037	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7038	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7039	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7040	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7041	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7042	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7043	1-126-206-11	ELECT CHIP	100MF	20%	6.3V
C7044	1-126-206-11	ELECT CHIP	100MF	20%	6.3V
C7045	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7046	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7047	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7048	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7049	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7050	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7051	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7052	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7053	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7054	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7055	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7056	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7057	1-126-206-11	ELECT CHIP	100MF	20%	6.3V
C7058	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7059	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C7060	1-126-206-11	ELECT CHIP	100MF	20%	6.3V
C7061	1-126-206-11	ELECT CHIP	100MF	20%	6.3V
C7062	1-163-038-91	CERAMIC CHIP	0.1MF		25V

Rf.NO.	PART NO.	DESCRIPTION	REMARK
	<CONNECTOR>		
CN7001	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7002	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7003	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7004	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7005	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7006	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7007	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7008	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7009	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7010	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7011	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7012	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7013	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7014	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7015	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7016	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7017	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7018	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7019	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7020	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7021	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7022	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7023	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7024	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7025	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7026	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7027	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7028	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7029	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7030	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7031	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7032	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7033	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7034	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7035	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7036	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7037	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7038	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7039	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7040	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7041	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7042	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7043	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7044	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7045	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7046	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7047	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7048	1-569-577-41	CONNECTOR, D-SUB 15P	
CN7049	1-764-071-11	SOCKET, CONNECTOR 100P	
CN7050	1-764-071-11	SOCKET, CONNECTOR 100P	
CN7051	* 1-569-041-11	CONNECTOR 26P	
CN7052	1-695-915-11	TAB (CONTACT)	
CN7053	1-695-915-11	TAB (CONTACT)	
	<FILTER>		
FL7001	1-239-901-21	FERRITE 0UH	
FL7002	1-239-901-21	FERRITE 0UH	
FL7003	1-239-901-21	FERRITE 0UH	
FL7004	1-239-901-21	FERRITE 0UH	
FL7005	1-239-901-21	FERRITE 0UH	
FL7006	1-239-901-21	FERRITE 0UH	
FL7007	1-239-901-21	FERRITE 0UH	
FL7008	1-239-901-21	FERRITE 0UH	
FL7009	1-239-901-21	FERRITE 0UH	
FL7010	1-239-901-21	FERRITE 0UH	
FL7011	1-239-901-21	FERRITE 0UH	
FL7012	1-239-901-21	FERRITE 0UH	
FL7013	1-239-901-21	FERRITE 0UH	
FL7014	1-239-901-21	FERRITE 0UH	
FL7015	1-239-901-21	FERRITE 0UH	
FL7016	1-239-901-21	FERRITE 0UH	
FL7017	1-239-901-21	FERRITE 0UH	
FL7018	1-239-901-21	FERRITE 0UH	
FL7019	1-239-901-21	FERRITE 0UH	
FL7020	1-239-901-21	FERRITE 0UH	
FL7021	1-239-901-21	FERRITE 0UH	
FL7022	1-239-901-21	FERRITE 0UH	
FL7023	1-239-901-21	FERRITE 0UH	
FL7024	1-239-901-21	FERRITE 0UH	
FL7025	1-239-901-21	FERRITE 0UH	
FL7026	1-239-901-21	FERRITE 0UH	
FL7027	1-239-901-21	FERRITE 0UH	
FL7028	1-239-901-21	FERRITE 0UH	
FL7029	1-239-901-21	FERRITE 0UH	
FL7030	1-239-901-21	FERRITE 0UH	
FL7031	1-239-901-21	FERRITE 0UH	
FL7032	1-239-901-21	FERRITE 0UH	
FL7033	1-239-901-21	FERRITE 0UH	
FL7034	1-239-901-21	FERRITE 0UH	
FL7035	1-239-901-21	FERRITE 0UH	
FL7036	1-239-901-21	FERRITE 0UH	
FL7037	1-239-901-21	FERRITE 0UH	
FL7038	1-239-901-21	FERRITE 0UH	
FL7039	1-239-901-21	FERRITE 0UH	
FL7040	1-239-901-21	FERRITE 0UH	
FL7041	1-239-901-21	FERRITE 0UH	
FL7042	1-239-901-21	FERRITE 0UH	
FL7043	1-239-901-21	FERRITE 0UH	
FL7044	1-239-901-21	FERRITE 0UH	
FL7045	1-239-901-21	FERRITE 0UH	
FL7046	1-239-901-21	FERRITE 0UH	
FL7047	1-239-901-21	FERRITE 0UH	
FL7048	1-239-901-21	FERRITE 0UH	
FL7049	1-239-901-21	FERRITE 0UH	
FL7050	1-239-901-21	FERRITE 0UH	
FL7051	1-239-901-21	FERRITE 0UH	
FL7052	1-239-901-21	FERRITE 0UH	
FL7053	1-239-901-21	FERRITE 0UH	
FL7054	1-239-901-21	FERRITE 0UH	
FL7055	1-239-901-21	FERRITE 0UH	
FL7056	1-239-901-21	FERRITE 0UH	
FL7057	1-239-901-21	FERRITE 0UH	
FL7058	1-239-901-21	FERRITE 0UH	
FL7059	1-239-901-21	FERRITE 0UH	
FL7060	1-239-901-21	FERRITE 0UH	
FL7061	1-239-901-21	FERRITE 0UH	
FL7062	1-239-901-21	FERRITE 0UH	
FL7063	1-239-901-21	FERRITE 0UH	

DRV

Rf.NO.	PART NO.	DESCRIPTION	REMARK
FL7064	1-239-901-21	FERRITE 0UH	
FL7065	1-239-901-21	FERRITE 0UH	
FL7066	1-239-901-21	FERRITE 0UH	
FL7067	1-239-901-21	FERRITE 0UH	
FL7068	1-239-901-21	FERRITE 0UH	
FL7069	1-239-901-21	FERRITE 0UH	
FL7070	1-239-901-21	FERRITE 0UH	
FL7071	1-239-901-21	FERRITE 0UH	
FL7072	1-239-901-21	FERRITE 0UH	
FL7073	1-421-773-11	FILTER, NOISE REMOVAL	
		<IC>	
IC7001	8-759-271-77	IC DS26C31TM	
IC7002	8-759-271-77	IC DS26C31TM	
IC7003	8-759-271-77	IC DS26C31TM	
IC7004	8-759-271-77	IC DS26C31TM	
IC7005	8-759-271-77	IC DS26C31TM	
IC7006	8-759-271-77	IC DS26C31TM	
IC7007	8-759-271-77	IC DS26C31TM	
IC7008	8-759-271-77	IC DS26C31TM	
IC7009	8-759-271-77	IC DS26C31TM	
IC7010	8-759-271-77	IC DS26C31TM	
IC7011	8-759-271-77	IC DS26C31TM	
IC7012	8-759-271-77	IC DS26C31TM	
IC7013	8-759-271-77	IC DS26C31TM	
IC7014	8-759-271-77	IC DS26C31TM	
IC7015	8-759-271-77	IC DS26C31TM	
IC7016	8-759-271-77	IC DS26C31TM	
IC7017	8-759-271-77	IC DS26C31TM	
IC7018	8-759-271-77	IC DS26C31TM	
IC7019	8-759-271-77	IC DS26C31TM	
IC7020	8-759-271-77	IC DS26C31TM	
IC7021	8-759-271-77	IC DS26C31TM	
IC7022	8-759-271-77	IC DS26C31TM	
IC7023	8-759-271-77	IC DS26C31TM	
IC7024	8-759-271-77	IC DS26C31TM	
IC7025	8-759-271-77	IC DS26C31TM	
IC7026	8-759-271-77	IC DS26C31TM	
IC7027	8-759-271-77	IC DS26C31TM	
IC7028	8-759-271-77	IC DS26C31TM	
IC7029	8-759-271-77	IC DS26C31TM	
IC7030	8-759-271-77	IC DS26C31TM	
IC7031	8-759-271-77	IC DS26C31TM	
IC7032	8-759-271-77	IC DS26C31TM	
IC7033	8-759-271-77	IC DS26C31TM	
IC7034	8-759-271-77	IC DS26C31TM	
IC7035	8-759-271-77	IC DS26C31TM	
IC7036	8-759-271-77	IC DS26C31TM	
IC7037	8-759-271-78	IC DS26C32ATM	
IC7038	8-759-271-78	IC DS26C32ATM	
IC7039	8-759-271-78	IC DS26C32ATM	
IC7040	8-759-271-78	IC DS26C32ATM	
IC7041	8-759-271-78	IC DS26C32ATM	
IC7042	8-759-271-78	IC DS26C32ATM	
IC7043	8-759-271-78	IC DS26C32ATM	
IC7044	8-759-271-78	IC DS26C32ATM	
IC7045	8-759-271-78	IC DS26C32ATM	
IC7046	8-759-271-78	IC DS26C32ATM	
IC7047	8-759-271-78	IC DS26C32ATM	
IC7048	8-759-271-78	IC DS26C32ATM	
IC7049	8-759-926-11	IC SN74HC138ANS	
IC7050	8-759-926-11	IC SN74HC138ANS	
IC7051	8-759-032-11	IC MC74HC04AF	
		<RESISTOR>	
R7001	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7002	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7003	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7004	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7005	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7006	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7007	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7008	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7009	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7010	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7011	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7012	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7013	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7014	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7015	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7016	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7017	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7018	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7019	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7020	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7021	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7022	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7023	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7024	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7025	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7026	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7027	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7028	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7029	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7030	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7031	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7032	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7033	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7034	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7035	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7036	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7037	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7038	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7039	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7040	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7041	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7042	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7043	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7044	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7045	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7046	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7047	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7048	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7049	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7050	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7051	1-216-025-91	RES,CHIP 100 5% 1/10W	
R7052	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R7053	1-216-025-91	RES,CHIP 100 5% 1/10W	

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R7054	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7055	1-216-025-91	RES,CHIP	100	5%	1/10W
R7056	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7057	1-216-025-91	RES,CHIP	100	5%	1/10W
R7058	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7059	1-216-025-91	RES,CHIP	100	5%	1/10W
R7060	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7061	1-216-025-91	RES,CHIP	100	5%	1/10W
R7062	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7063	1-216-025-91	RES,CHIP	100	5%	1/10W
R7064	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7065	1-216-025-91	RES,CHIP	100	5%	1/10W
R7066	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7067	1-216-025-91	RES,CHIP	100	5%	1/10W
R7068	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7069	1-216-025-91	RES,CHIP	100	5%	1/10W
R7070	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7071	1-216-025-91	RES,CHIP	100	5%	1/10W
R7072	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7073	1-216-025-91	RES,CHIP	100	5%	1/10W
R7074	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7075	1-216-025-91	RES,CHIP	100	5%	1/10W
R7076	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7077	1-216-025-91	RES,CHIP	100	5%	1/10W
R7078	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7079	1-216-025-91	RES,CHIP	100	5%	1/10W
R7080	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7081	1-216-025-91	RES,CHIP	100	5%	1/10W
R7082	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7083	1-216-025-91	RES,CHIP	100	5%	1/10W
R7084	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7085	1-216-025-91	RES,CHIP	100	5%	1/10W
R7086	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7087	1-216-025-91	RES,CHIP	100	5%	1/10W
R7088	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7089	1-216-025-91	RES,CHIP	100	5%	1/10W
R7090	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7091	1-216-025-91	RES,CHIP	100	5%	1/10W
R7092	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7093	1-216-025-91	RES,CHIP	100	5%	1/10W
R7094	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7095	1-216-025-91	RES,CHIP	100	5%	1/10W
R7096	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7097	1-216-025-91	RES,CHIP	100	5%	1/10W
R7098	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7099	1-216-025-91	RES,CHIP	100	5%	1/10W
R7100	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7101	1-216-025-91	RES,CHIP	100	5%	1/10W
R7102	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7103	1-216-025-91	RES,CHIP	100	5%	1/10W
R7104	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7105	1-216-025-91	RES,CHIP	100	5%	1/10W
R7106	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7107	1-216-025-91	RES,CHIP	100	5%	1/10W
R7108	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7109	1-216-025-91	RES,CHIP	100	5%	1/10W
R7110	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7111	1-216-025-91	RES,CHIP	100	5%	1/10W
R7112	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7113	1-216-025-91	RES,CHIP	100	5%	1/10W

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R7114	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7115	1-216-025-91	RES,CHIP	100	5%	1/10W
R7116	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7117	1-216-025-91	RES,CHIP	100	5%	1/10W
R7118	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7119	1-216-025-91	RES,CHIP	100	5%	1/10W
R7120	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7121	1-216-025-91	RES,CHIP	100	5%	1/10W
R7122	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7123	1-216-025-91	RES,CHIP	100	5%	1/10W
R7124	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7125	1-216-025-91	RES,CHIP	100	5%	1/10W
R7126	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7127	1-216-025-91	RES,CHIP	100	5%	1/10W
R7128	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7129	1-216-025-91	RES,CHIP	100	5%	1/10W
R7130	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7131	1-216-025-91	RES,CHIP	100	5%	1/10W
R7132	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7133	1-216-025-91	RES,CHIP	100	5%	1/10W
R7134	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7135	1-216-025-91	RES,CHIP	100	5%	1/10W
R7136	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7137	1-216-025-91	RES,CHIP	100	5%	1/10W
R7138	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7139	1-216-025-91	RES,CHIP	100	5%	1/10W
R7140	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7141	1-216-025-91	RES,CHIP	100	5%	1/10W
R7142	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7143	1-216-025-91	RES,CHIP	100	5%	1/10W
R7144	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7145	1-216-025-91	RES,CHIP	100	5%	1/10W
R7146	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7147	1-216-025-91	RES,CHIP	100	5%	1/10W
R7148	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7149	1-216-025-91	RES,CHIP	100	5%	1/10W
R7150	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7151	1-216-025-91	RES,CHIP	100	5%	1/10W
R7152	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7153	1-216-025-91	RES,CHIP	100	5%	1/10W
R7154	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7155	1-216-025-91	RES,CHIP	100	5%	1/10W
R7156	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7157	1-216-025-91	RES,CHIP	100	5%	1/10W
R7158	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7159	1-216-025-91	RES,CHIP	100	5%	1/10W
R7160	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7161	1-216-025-91	RES,CHIP	100	5%	1/10W
R7162	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7163	1-216-025-91	RES,CHIP	100	5%	1/10W
R7164	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7165	1-216-025-91	RES,CHIP	100	5%	1/10W
R7166	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7167	1-216-025-91	RES,CHIP	100	5%	1/10W
R7168	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7169	1-216-025-91	RES,CHIP	100	5%	1/10W
R7170	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7171	1-216-025-91	RES,CHIP	100	5%	1/10W
R7172	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7173	1-216-025-91	RES,CHIP	100	5%	1/10W

DRV

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R7174	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7175	1-216-025-91	RES,CHIP	100	5%	1/10W
R7176	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7177	1-216-025-91	RES,CHIP	100	5%	1/10W
R7178	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7179	1-216-025-91	RES,CHIP	100	5%	1/10W
R7180	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7181	1-216-025-91	RES,CHIP	100	5%	1/10W
R7182	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7183	1-216-025-91	RES,CHIP	100	5%	1/10W
R7184	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7185	1-216-025-91	RES,CHIP	100	5%	1/10W
R7186	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7187	1-216-025-91	RES,CHIP	100	5%	1/10W
R7188	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7189	1-216-025-91	RES,CHIP	100	5%	1/10W
R7190	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7191	1-216-025-91	RES,CHIP	100	5%	1/10W
R7192	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7201	1-216-025-91	RES,CHIP	100	5%	1/10W
R7202	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7203	1-216-025-91	RES,CHIP	100	5%	1/10W
R7204	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7205	1-216-025-91	RES,CHIP	100	5%	1/10W
R7206	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7207	1-216-025-91	RES,CHIP	100	5%	1/10W
R7208	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7209	1-216-025-91	RES,CHIP	100	5%	1/10W
R7210	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7211	1-216-025-91	RES,CHIP	100	5%	1/10W
R7212	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7301	1-216-033-00	RES,CHIP	220	5%	1/10W
R7302	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7303	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7304	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7305	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7306	1-216-033-00	RES,CHIP	220	5%	1/10W
R7307	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7308	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7309	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7310	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7311	1-216-033-00	RES,CHIP	220	5%	1/10W
R7312	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7313	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7314	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7315	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7316	1-216-033-00	RES,CHIP	220	5%	1/10W
R7317	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7318	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7319	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7320	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7321	1-216-033-00	RES,CHIP	220	5%	1/10W
R7322	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7323	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7324	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7325	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7326	1-216-033-00	RES,CHIP	220	5%	1/10W
R7327	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7328	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7329	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7330	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7331	1-216-033-00	RES,CHIP	220	5%	1/10W
R7332	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7333	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7334	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7335	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7336	1-216-033-00	RES,CHIP	220	5%	1/10W
R7337	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7338	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7339	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7340	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7341	1-216-033-00	RES,CHIP	220	5%	1/10W
R7342	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7343	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7344	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7345	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7346	1-216-033-00	RES,CHIP	220	5%	1/10W
R7347	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7348	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7349	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7350	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7351	1-216-033-00	RES,CHIP	220	5%	1/10W
R7352	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7353	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7354	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7355	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7356	1-216-033-00	RES,CHIP	220	5%	1/10W
R7357	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7358	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7359	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7360	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7361	1-216-033-00	RES,CHIP	220	5%	1/10W
R7362	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7363	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7364	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7365	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7366	1-216-033-00	RES,CHIP	220	5%	1/10W
R7367	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7368	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7369	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7370	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7371	1-216-033-00	RES,CHIP	220	5%	1/10W
R7372	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7373	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7374	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7375	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7376	1-216-033-00	RES,CHIP	220	5%	1/10W
R7377	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7378	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7379	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7380	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7381	1-216-033-00	RES,CHIP	220	5%	1/10W
R7382	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7383	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7384	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7385	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7386	1-216-033-00	RES,CHIP	220	5%	1/10W
R7387	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7388	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7389	1-216-097-91	RES,CHIP	100K	5%	1/10W

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R7390	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7391	1-216-033-00	RES,CHIP	220	5%	1/10W
R7392	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7393	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7394	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7395	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7396	1-216-033-00	RES,CHIP	220	5%	1/10W
R7397	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7398	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7399	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7400	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7401	1-216-033-00	RES,CHIP	220	5%	1/10W
R7402	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7403	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7404	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7405	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7406	1-216-033-00	RES,CHIP	220	5%	1/10W
R7407	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7408	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7409	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7410	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7411	1-216-033-00	RES,CHIP	220	5%	1/10W
R7412	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7413	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7414	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7415	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7416	1-216-033-00	RES,CHIP	220	5%	1/10W
R7417	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7418	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7419	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7420	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7421	1-216-033-00	RES,CHIP	220	5%	1/10W
R7422	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7423	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7424	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7425	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7426	1-216-033-00	RES,CHIP	220	5%	1/10W
R7427	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7428	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7429	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7430	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7431	1-216-033-00	RES,CHIP	220	5%	1/10W
R7432	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7433	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7434	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7435	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7436	1-216-033-00	RES,CHIP	220	5%	1/10W
R7437	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7438	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7439	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7440	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7441	1-216-033-00	RES,CHIP	220	5%	1/10W
R7442	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7443	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7444	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7445	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7446	1-216-033-00	RES,CHIP	220	5%	1/10W
R7447	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7448	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7449	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7450	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7451	1-216-033-00	RES,CHIP	220	5%	1/10W
R7452	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7453	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7454	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7455	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7456	1-216-033-00	RES,CHIP	220	5%	1/10W
R7457	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7458	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7459	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7460	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7461	1-216-033-00	RES,CHIP	220	5%	1/10W
R7462	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7463	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7464	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7465	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7466	1-216-033-00	RES,CHIP	220	5%	1/10W
R7467	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7468	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7469	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7470	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7471	1-216-033-00	RES,CHIP	220	5%	1/10W
R7472	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7473	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7474	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7475	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7476	1-216-033-00	RES,CHIP	220	5%	1/10W
R7477	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7478	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7479	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7480	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7481	1-216-033-00	RES,CHIP	220	5%	1/10W
R7482	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7483	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7484	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7485	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7486	1-216-033-00	RES,CHIP	220	5%	1/10W
R7487	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7488	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7489	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7490	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7491	1-216-033-00	RES,CHIP	220	5%	1/10W
R7492	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7493	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7494	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7495	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7496	1-216-033-00	RES,CHIP	220	5%	1/10W
R7497	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7498	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7499	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7500	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7501	1-216-033-00	RES,CHIP	220	5%	1/10W
R7502	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7503	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7504	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7505	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7506	1-216-033-00	RES,CHIP	220	5%	1/10W
R7507	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7508	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7509	1-216-097-91	RES,CHIP	100K	5%	1/10W

Rf.NO.	PART NO.	DESCRIPTION			REMARK
R7510	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7511	1-216-033-00	RES,CHIP	220	5%	1/10W
R7512	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7513	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7514	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7515	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7516	1-216-033-00	RES,CHIP	220	5%	1/10W
R7517	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7518	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7519	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7520	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7521	1-216-033-00	RES,CHIP	220	5%	1/10W
R7522	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7523	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7524	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7525	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7526	1-216-033-00	RES,CHIP	220	5%	1/10W
R7527	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7528	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7529	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7530	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7531	1-216-033-00	RES,CHIP	220	5%	1/10W
R7532	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7533	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7534	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7535	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7536	1-216-033-00	RES,CHIP	220	5%	1/10W
R7537	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7538	1-216-073-00	RES,CHIP	10K	5%	1/10W
R7539	1-216-097-91	RES,CHIP	100K	5%	1/10W
R7540	1-216-097-91	RES,CHIP	100K	5%	1/10W

****

* A-1394-916-A INP BOARD, COMPLETE

****

<CONNECTOR>

CN8501	1-785-097-11	CONNECTOR, BNC
CN8502	1-785-096-11	CONNECTOR, BNC
CN8503	1-785-096-11	CONNECTOR, BNC
CN8505	1-785-096-11	CONNECTOR, BNC
CN8506	1-785-099-11	CONNECTOR, COAXIAL MULTIPLE
CN8507	1-785-100-11	CONNECTOR, COAXIAL MULTIPLE
CN8508	1-695-915-11	TAB (CONTACT)

<FILTER>

FL8501	1-239-558-11	FILTER, CHIP EMI
FL8502	1-239-558-11	FILTER, CHIP EMI
FL8503	1-239-558-11	FILTER, CHIP EMI
FL8504	1-239-558-11	FILTER, CHIP EMI
FL8505	1-239-558-11	FILTER, CHIP EMI
FL8506	1-239-558-11	FILTER, CHIP EMI
FL8507	1-239-558-11	FILTER, CHIP EMI
FL8508	1-239-558-11	FILTER, CHIP EMI
FL8509	1-239-558-11	FILTER, CHIP EMI
FL8510	1-239-558-11	FILTER, CHIP EMI
FL8511	1-239-558-11	FILTER, CHIP EMI
FL8512	1-239-558-11	FILTER, CHIP EMI

Rf.NO.	PART NO.	DESCRIPTION			REMARK
		<RESISTOR>			
R8501	1-216-029-00	RES,CHIP	150	5%	1/10W
R8502	1-216-029-00	RES,CHIP	150	5%	1/10W

****

MISCELLANEOUS

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⚠1-251-148-11	INLET, AC (WITH FILTER)	
⚠1-468-328-11	REGULATOR, SWITCHING (50F) (12V)	
⚠1-468-329-11	REGULATOR, SWITCHING (75F) (3.3V)	
⚠1-468-330-11	REGULATOR, SWITCHING (100F) (5V)	
1-541-890-11	MOTOR, DC FAN (WITH FG)	
⚠1-570-117-51	SWITCH, SEESAW (AC POWER)	
* 1-959-000-11	HARNESS	
* 1-958-999-11	HARNESS	

****

ACCESSORIES & PACKING MATERIALS

****

⚠1-534-754-15	CORD, POWER (120V/7A) (JAPAN)
⚠1-534-827-14	CORD, POWER (125V/10A) (US/CND)
⚠1-551-631-15	CORD, POWER (250V/10A) (AEP)
3-864-752-01	GUIDE, OPERATION (JAPANESE)
3-864-752-11	GUIDE, OPERATION (ENGLISH)
3-864-752-21	GUIDE, OPERATION (GERMAN)
3-864-752-31	GUIDE, OPERATION (FRENCH)
3-864-752-41	GUIDE, OPERATION (SPANISH)
3-864-752-51	GUIDE, OPERATION (ITALIAN)

****

JTA-SB200

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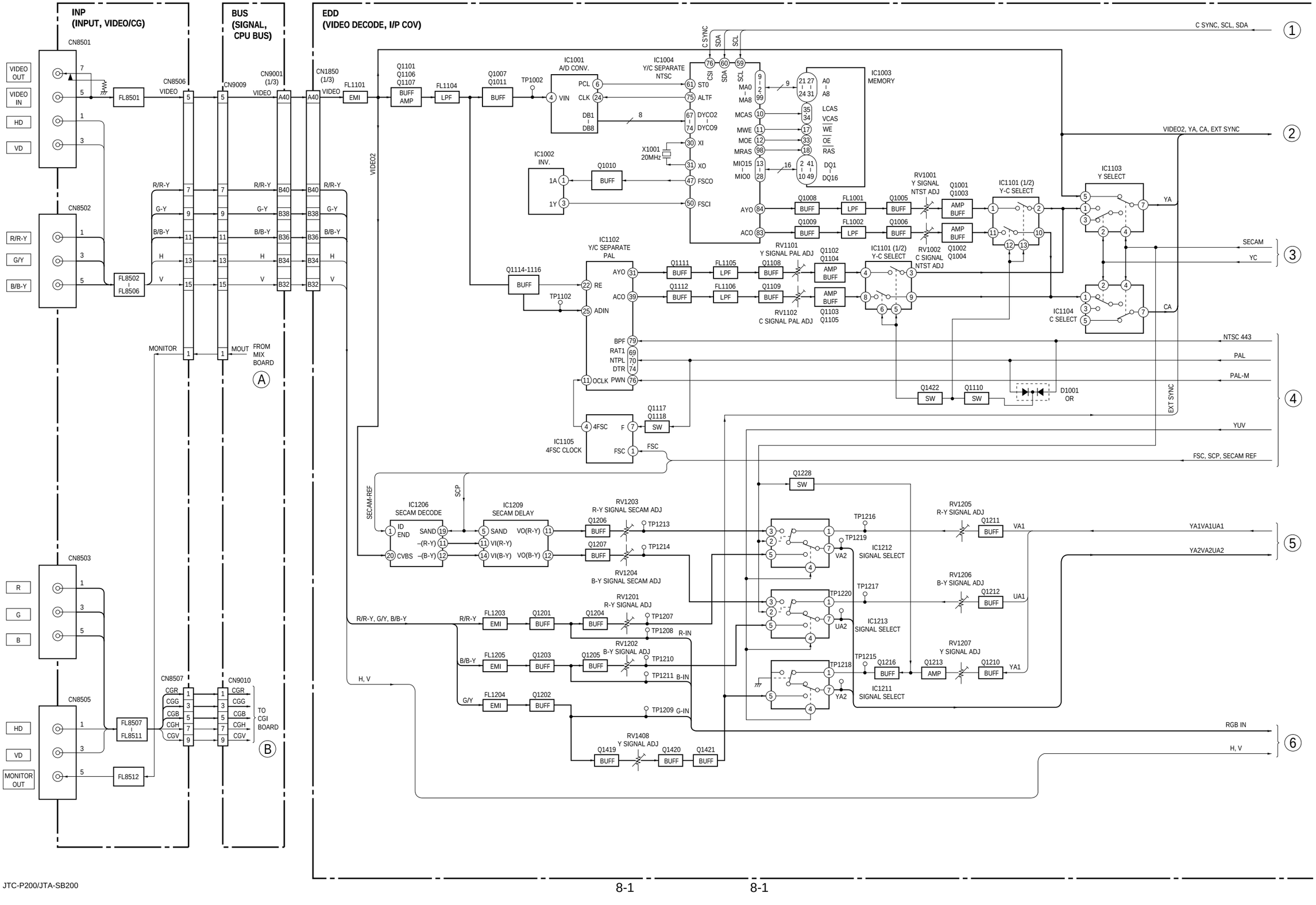
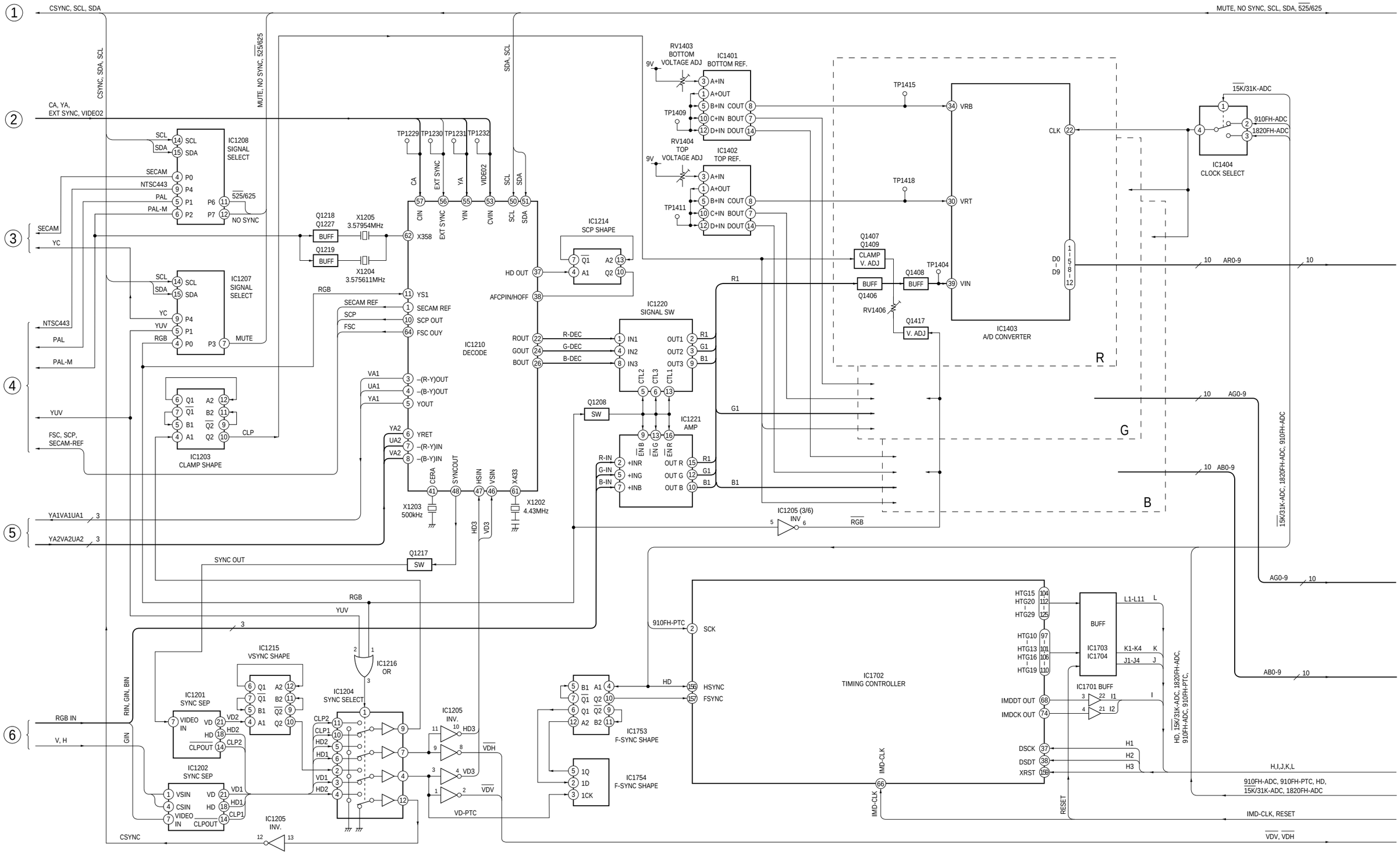
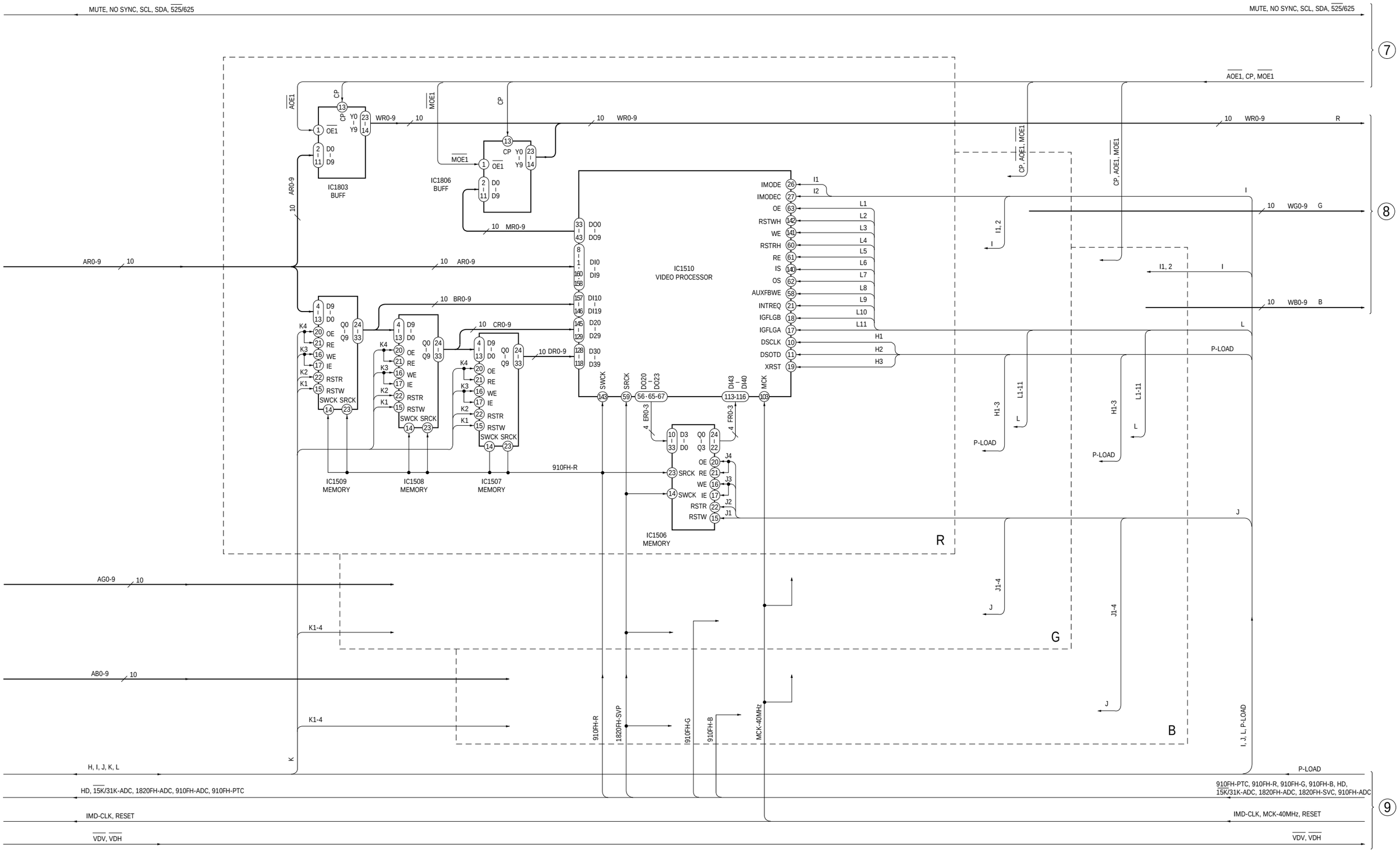
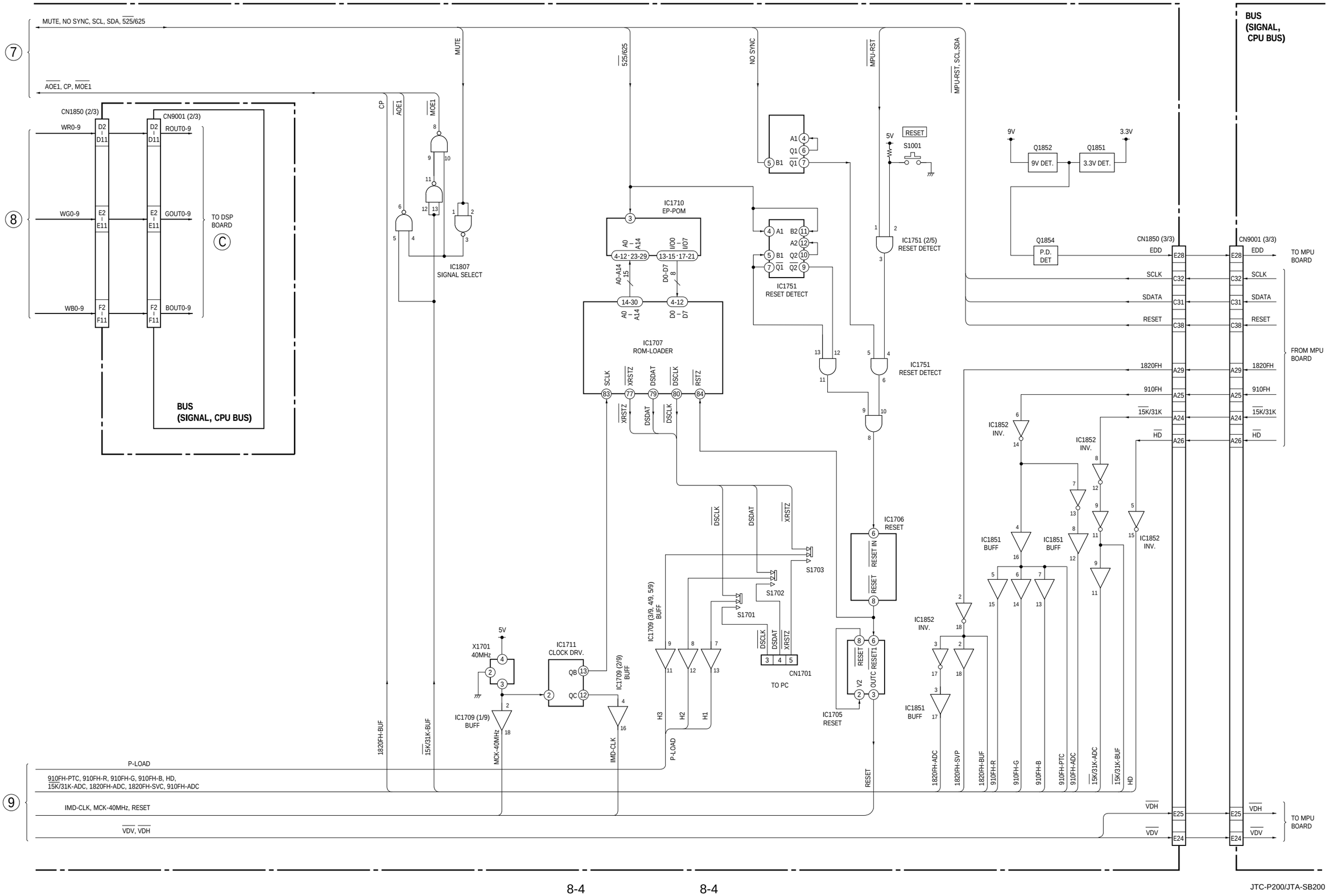
* A-1394-888-A	PSC BOARD, COMPLETE
* A-1394-889-A	MPU BOARD, COMPLETE
* A-1394-890-A	MIX BOARD, COMPLETE
* A-1394-891-A	EDD BOARD, COMPLETE
* A-1394-892-A	DSP BOARD, COMPLETE
* A-1394-893-A	CGI BOARD, COMPLETE
* A-1394-909-A	EXT BOARD, COMPLETE

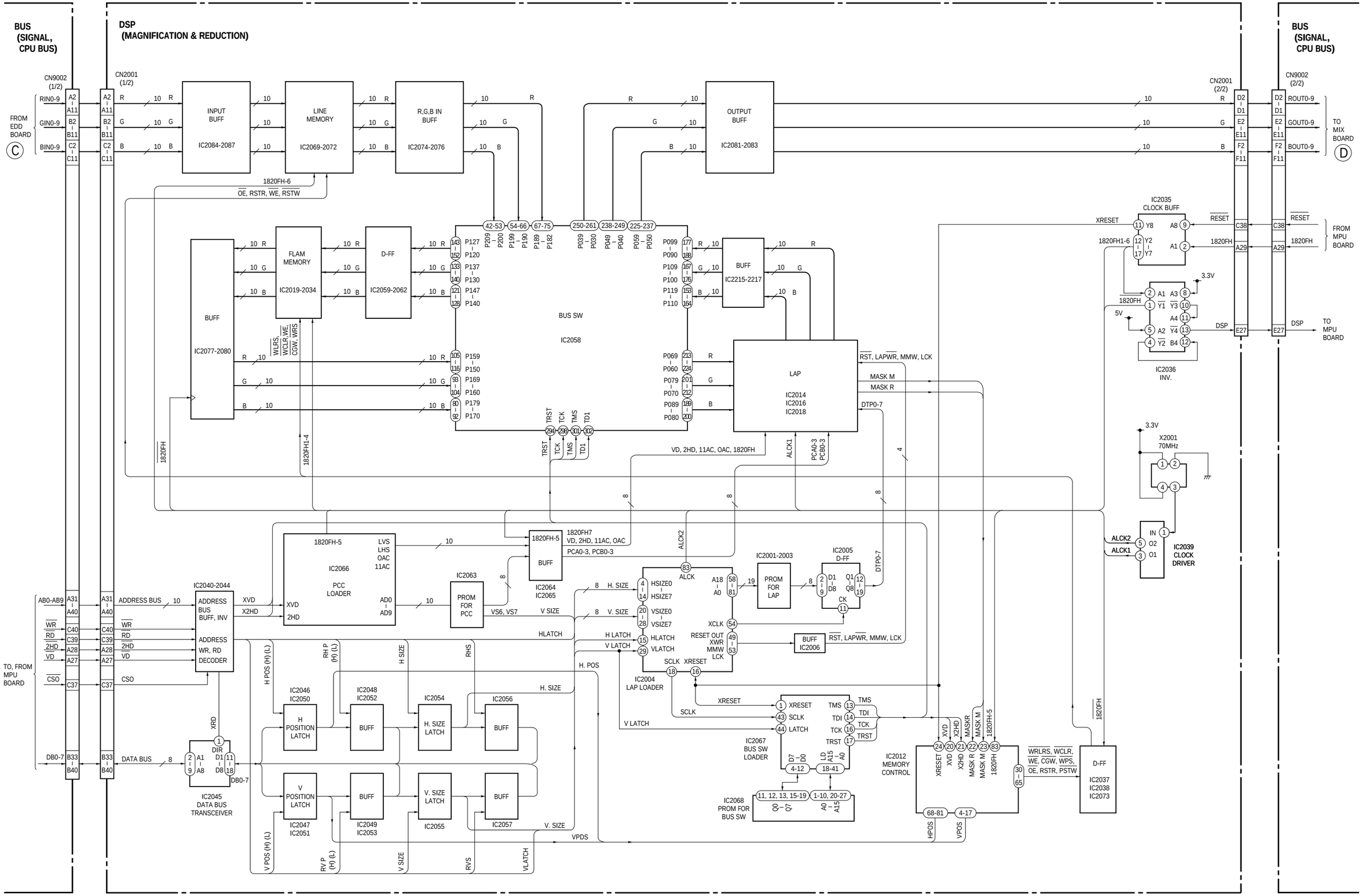
SECTION 8
BLOCK DIAGRAMS

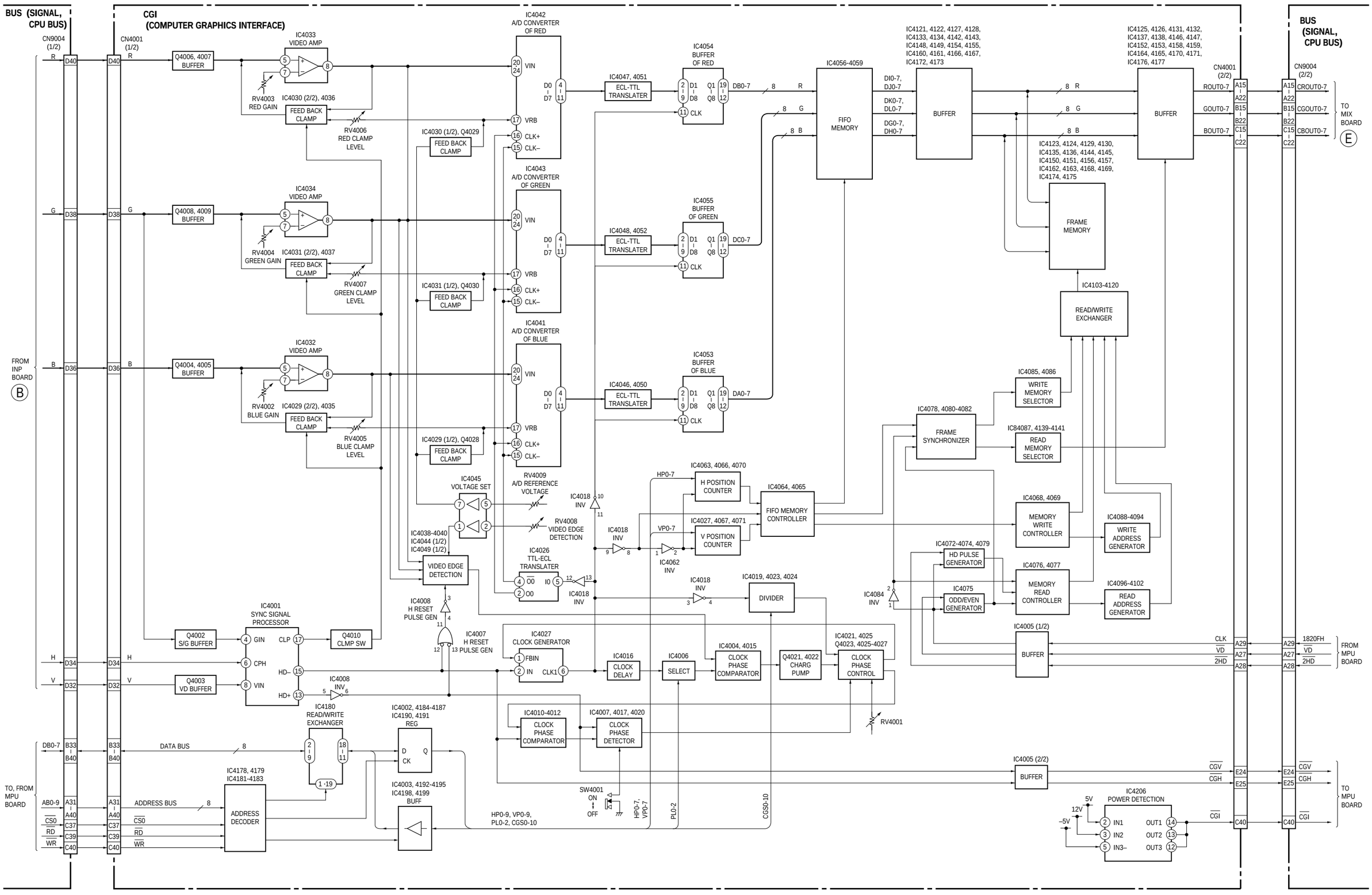


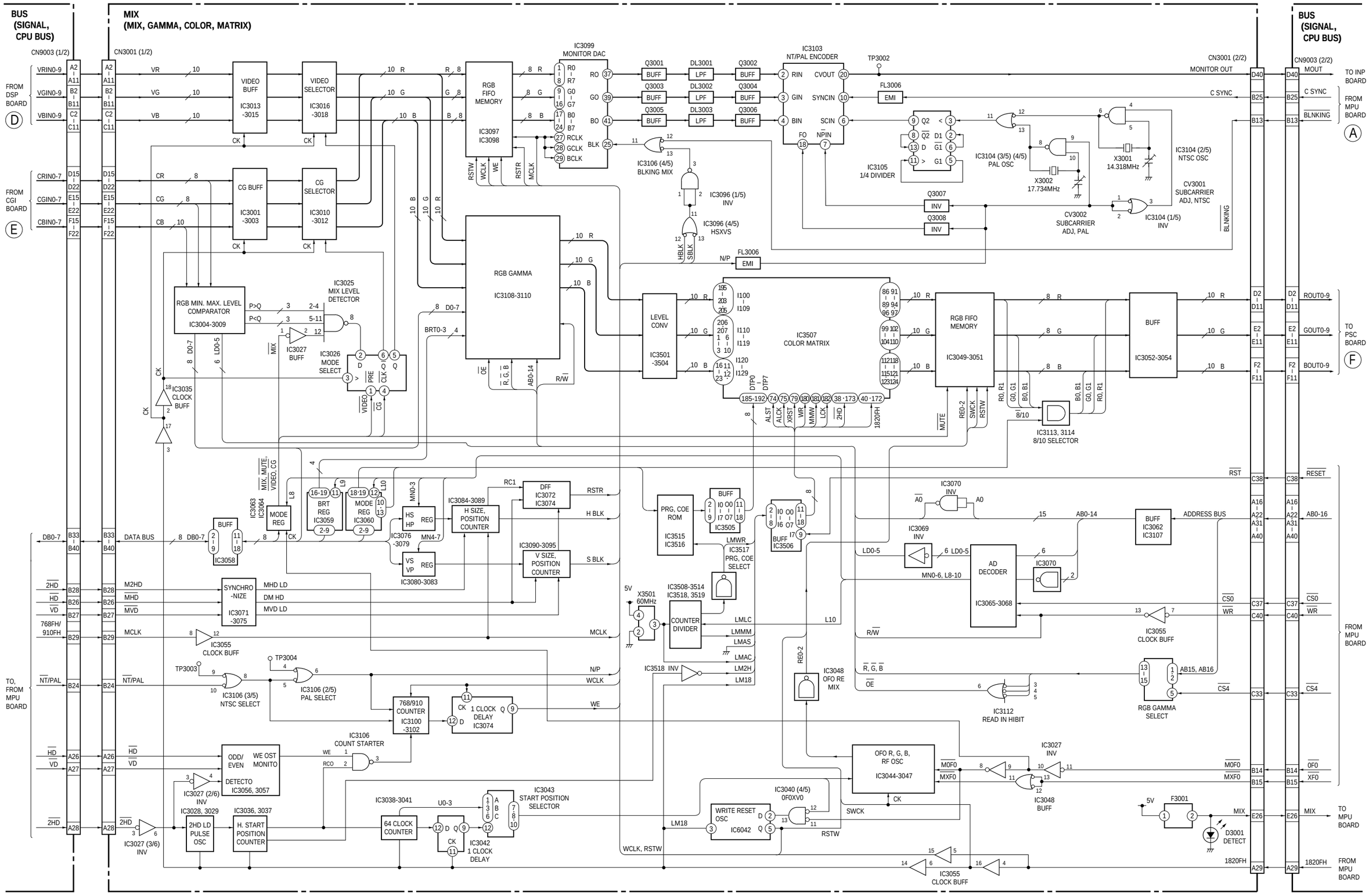

CSYNC, SCL, SDA
MUTE, NO SYNC, SCL, SDA, 525/625
CSYNC, SDA, SCL
MUTE, NO SYNC, 525/625
SDA, SCL
CA, YA, EXT SYNC, VIDEO2
IC1208 SIGNAL SELECT
SECAM
NTSC443
PAL
PAL-M
525/625
NO SYNC
TP1229 TP1230 TP1231 TP1232
CA
EXT SYNC
YA
VIDEO2
SCL
SDA
CIN
EXT SYNC
YIN
CVIN
SCL
SDA
RV1403 BOTTOM VOLTAGE ADJ
IC1401 BOTTOM REF.
RV1404 TOP VOLTAGE ADJ
IC1402 TOP REF.
TP1409
TP1411
A+IN
A+OUT
B+IN COUT
C+IN BOUT
D+IN DOUT
TP1415
TP1418
VRB
VRT
CLK
15K/31K-ADC
910FH-ADC
1820FH-ADC
IC1404 CLOCK SELECT
IC1207 SIGNAL SELECT
YC
YUV
RGB
MUTE
IC1203 CLAMP SHAPE
CLP
FSC, SCP, SECAM-REF
Q1218
Q1227
Q1219
BUFF
X1205 3.57954MHz
X1204 3.575611MHz
X358
RGB
YS1
SECAM REF
SCP
FSC
SCP OUT
FSC OUY
IC1214 SCP SHAPE
HD OUT
AFCPIN/HOFF
IC1210 DECODE
ROUT
GOUT
BOUT
R-DEC
G-DEC
B-DEC
IC1220 SIGNAL SW
IN1
IN2
IN3
OUT1
OUT2
OUT3
CTL2
CTL3
CTL1
Q1208
SW
IC1221 AMP
EN B
EN G
EN R
R-IN
G-IN
B-IN
+INR
+ING
+INB
OUT R
OUT G
OUT B
Q1407 Q1409
CLAMP V. ADJ
Q1406
RV1406
Q1408
Q1417
V. ADJ
TP1404
VIN
IC1403 A/D CONVERTER
D0 - D9
10 AR0-9
10 AG0-9
10 AB0-9
R1
G1
B1
R
G
B
VA1
UA1
YA1
YA2
UA2
VA2
–(R-Y)OUT
–(B-Y)OUT
YOUT
YRET
–(R-Y)IN
–(B-Y)IN
CERA
SYNCOUT
HSIN
VSIN
X433
X1203 500kHz
X1202 4.43MHz
HD3
VD3
IC1205 (3/6) INV
RGB
YA1VA1UA1 3
YA2VA2UA2 3
SYNC OUT
Q1217
SW
RGB
YUV
3
RIN, GIN, BIN
GIN
RGB IN
V, H
IC1201 SYNC SEP
VIDEO IN
VD
HD
CLPOUT
VD2
HD2
CLP2
IC1215 VSYNC SHAPE
IC1216 OR
IC1204 SYNC SELECT
CLP2
CLP1
HD2
HD1
VD1
HD2
IC1202 SYNC SEP
VSIN
CSIN
VIDEO IN
CLPOUT
VD1
HD1
CLP1
IC1205 INV.
HD3
VDH
VD3
VDV
VD-PTC
CSYNC
910FH-PTC
SCK
HD
HSYNC
FSYNC
IC1753 F-SYNC SHAPE
IC1754 F-SYNC SHAPE
IC1702 TIMING CONTROLLER
IMD-CLK
RESET
HTG15 HTG20 HTG29
HTG10 HTG13 HTG16 HTG19
IMDDT OUT
IMDCK OUT
DSCK
DSDT
XRST
BUFF
IC1703 IC1704
L1-L11
K1-K4
J1-J4
IC1701 BUFF
I1
I2
H1
H2
H3
HD, 15K/31K-ADC, 1820FH-ADC, 910FH-ADC, 910FH-PTC,
H,I,J,K,L
910FH-ADC, 910FH-PTC, HD, 15K/31K-ADC, 1820FH-ADC
IMD-CLK, RESET
VDV, VDH

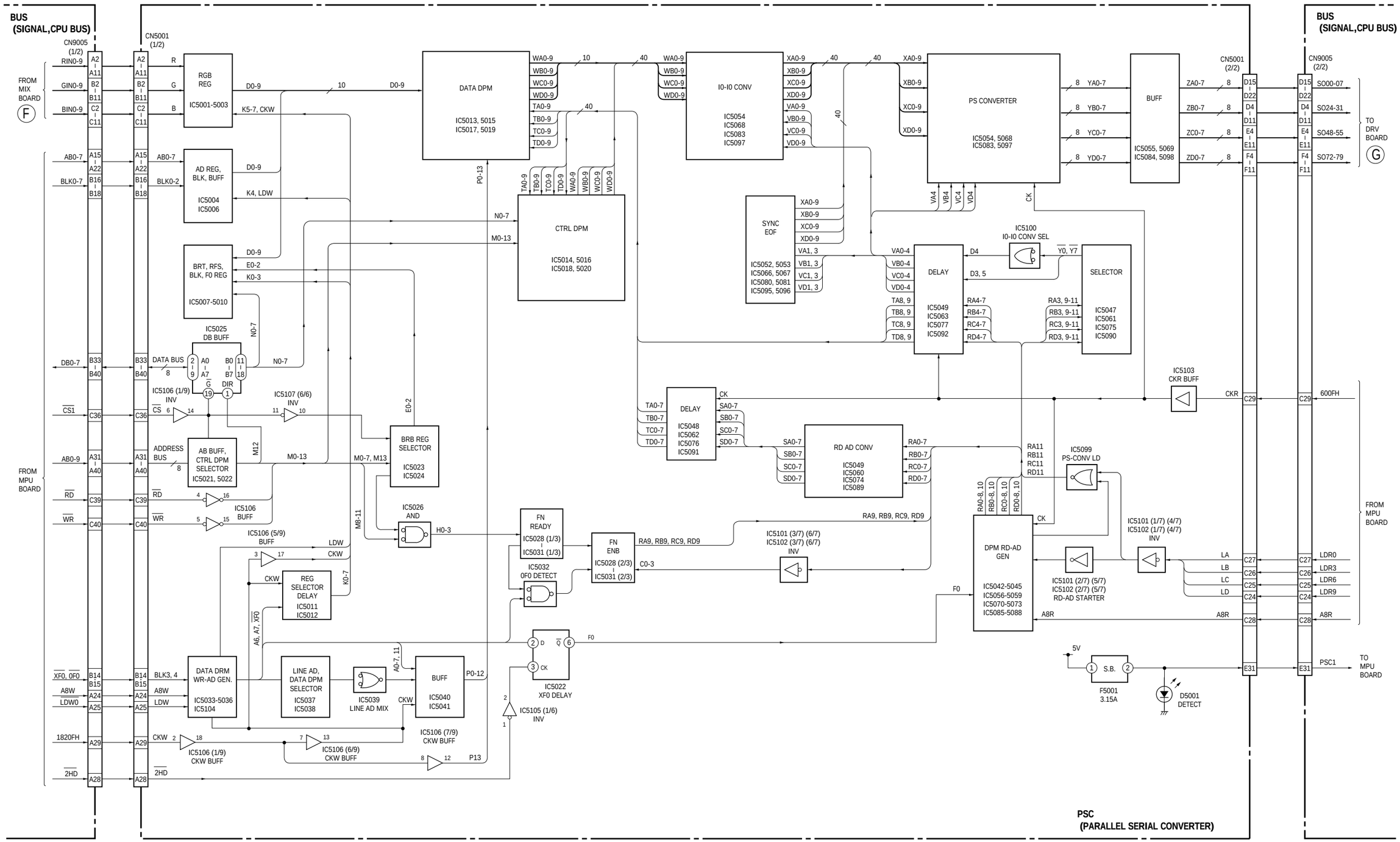

MUTE, NO SYNC, SCL, SDA, 525/625
AOE1, CP, MOE1
AR0-9
AG0-9
AB0-9
K1-4
H, I, J, K, L
HD, 15K/31K-ADC, 1820FH-ADC, 910FH-ADC, 910FH-PTC
IMD-CLK, RESET
VDV, VDH
P-LOAD
910FH-PTC, 910FH-R, 910FH-G, 910FH-B, HD, 15K/31K-ADC, 1820FH-ADC, 1820FH-SVC, 910FH-ADC
IMD-CLK, MCK-40MHz, RESET
IC1803 BUFF
IC1806 BUFF
IC1510 VIDEO PROCESSOR
IC1509 MEMORY
IC1508 MEMORY
IC1507 MEMORY
IC1506 MEMORY
910FH-R
1820FH-SVP
910FH-G
910FH-B
MCK-40MHz
I, J, L, P-LOAD
R
G
B

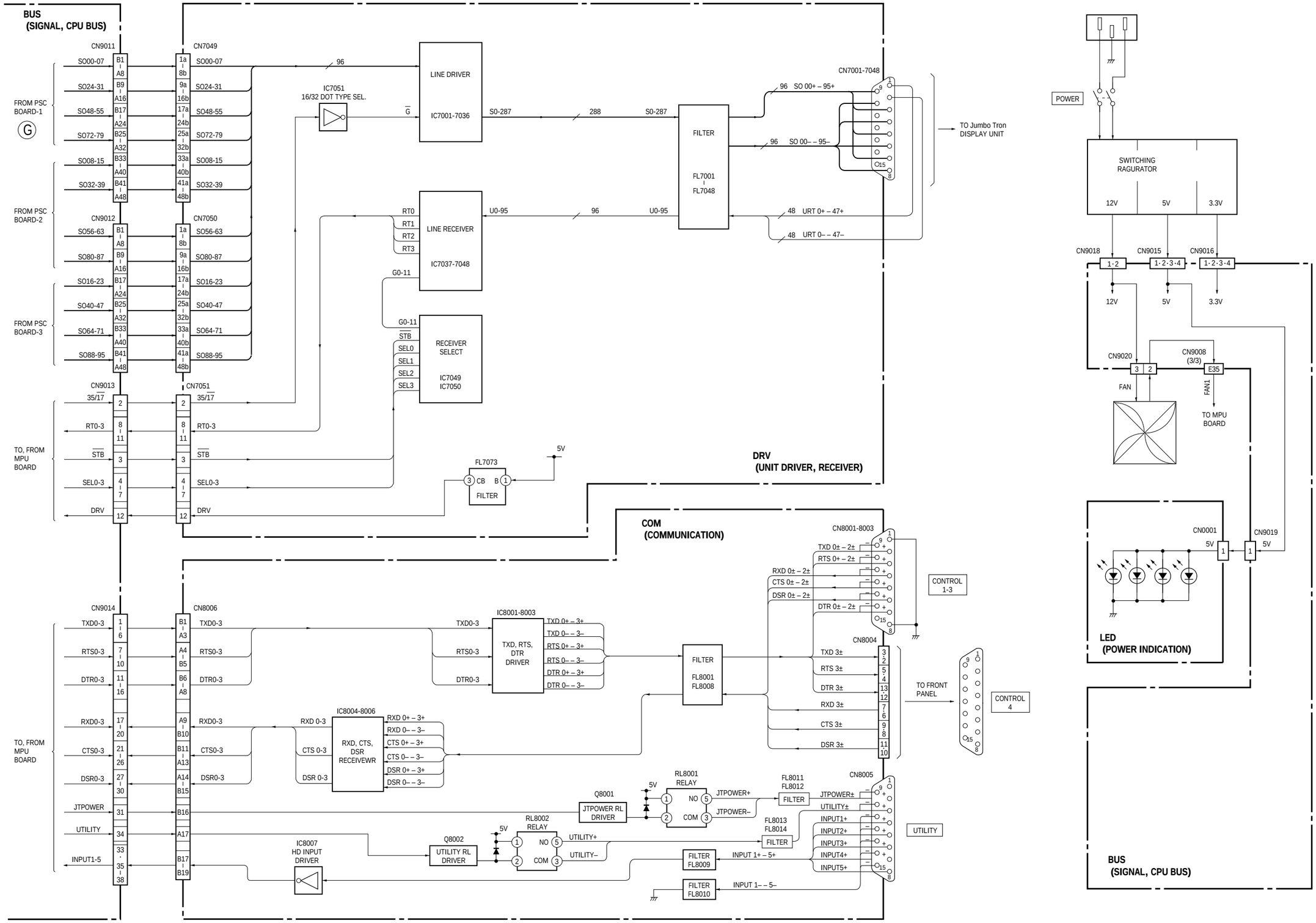

MUTE, NO SYNC, SCL, SDA, 525/625
AOE1, CP, MOE1
CN1850 (2/3)
CN9001 (2/3)
WR0-9
ROUT0-9
WG0-9
GOUT0-9
WB0-9
BOUT0-9
TO DSP BOARD
BUS (SIGNAL, CPU BUS)
MUTE
525/625
NO SYNC
MPU-RST
MPU-RST, SCL,SDA
IC1807 SIGNAL SELECT
IC1710 EP-POM
IC1707 ROM-LOADER
IC1751 RESET DETECT
IC1751 (2/5) RESET DETECT
5V
RESET
S1001
9V
3.3V
Q1852
9V DET.
Q1851
3.3V DET.
Q1854
P.D. DET
CN1850 (3/3)
CN9001 (3/3)
EDD
SCLK
SDATA
RESET
1820FH
910FH
15K/31K
HD
TO MPU BOARD
FROM MPU BOARD
IC1852 INV.
IC1851 BUFF
IC1706 RESET
S1703
S1702
S1701
CN1701
TO PC
IC1705 RESET
X1701 40MHz
IC1711 CLOCK DRV.
IC1709 (1/9) BUFF
IC1709 (2/9) BUFF
IC1709 (3/9, 4/9, 5/9) BUFF
MCK-40MHz
IMD-CLK
P-LOAD
1820FH-BUF
15K/31K-BUF
1820FH-ADC
1820FH-SVP
910FH-R
910FH-G
910FH-B
910FH-PTC
910FH-ADC
VDH
VDV
910FH-PTC, 910FH-R, 910FH-G, 910FH-B, HD,
15K/31K-ADC, 1820FH-ADC, 1820FH-SVC, 910FH-ADC
IMD-CLK, MCK-40MHz, RESET
VDV, VDH

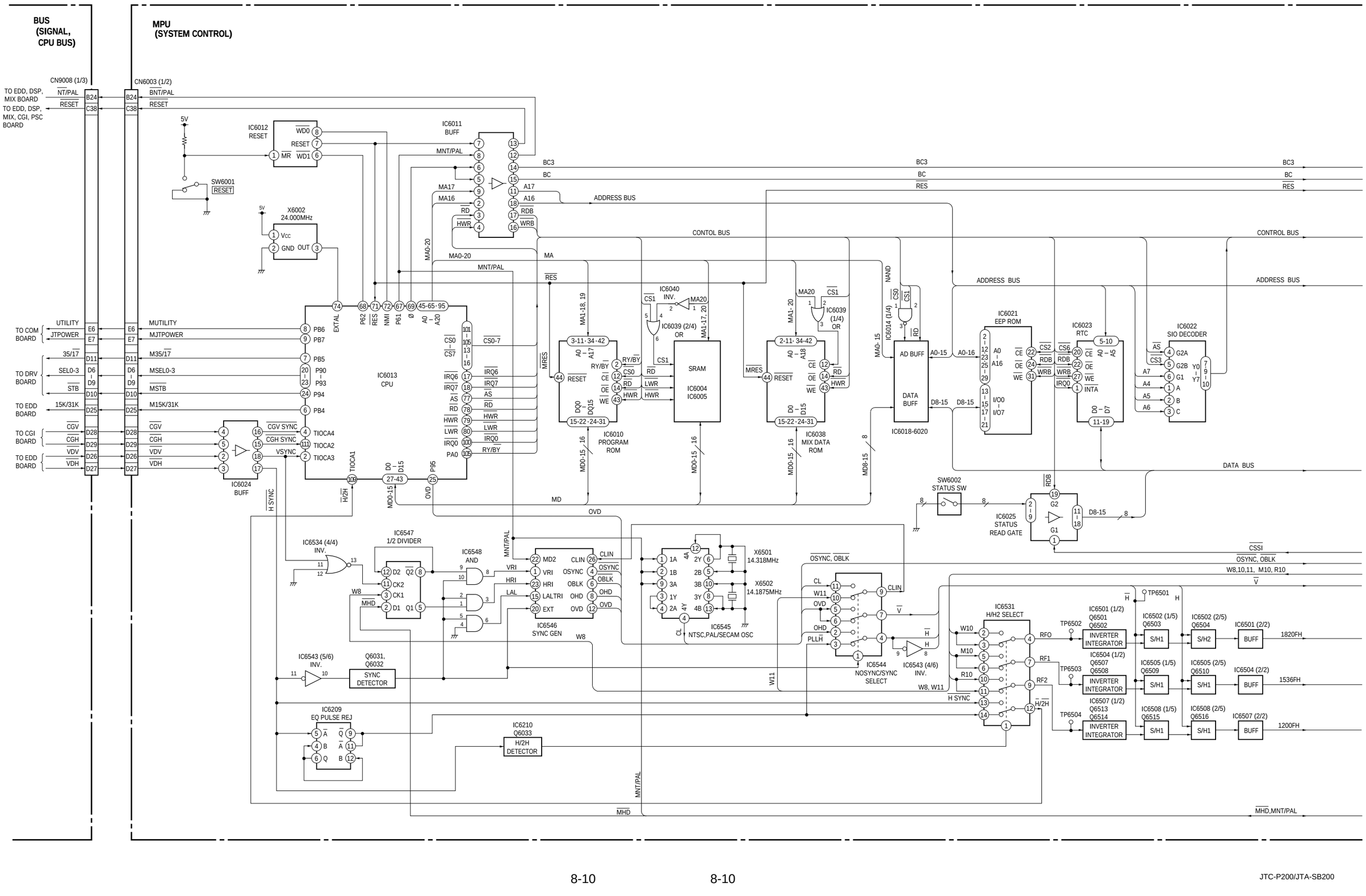

BUS (SIGNAL, CPU BUS)
DSP (MAGNIFICATION & REDUCTION)
BUS (SIGNAL, CPU BUS)
FROM EDD BOARD
C
CN9002 (1/2)
CN2001 (1/2)
RIN0-9
GIN0-9
BIN0-9
INPUT BUFF
IC2084-2087
LINE MEMORY
IC2069-2072
R,G,B IN BUFF
IC2074-2076
OUTPUT BUFF
IC2081-2083
1820FH-6
OE, RSTR, WE, RSTW
CN2001 (2/2)
CN9002 (2/2)
ROUT0-9
GOUT0-9
BOUT0-9
TO MIX BOARD
D
IC2035 CLOCK BUFF
XRESET
1820FH1-6
1820FH
RESET
FROM MPU BOARD
3.3V
5V
DSP
TO MPU BOARD
IC2036 INV.
FLAM MEMORY
IC2019-2034
D-FF
IC2059-2062
BUFF
IC2077-2080
BUS SW
IC2058
BUFF
IC2215-2217
LAP
IC2014
IC2016
IC2018
RST, LAPWR, MMW, LCK
MASK M
MASK R
DTP0-7
WLRS, WCLR, CGW, WRS
42-53
54-66
67-75
250-261
238-249
225-237
P209 – P200
P199 – P190
P189 – P182
P039 – P030
P049 – P040
P059 – P050
P127
P120
P137
P130
P147
P140
P159
P150
P169
P160
P179
P170
P099
P090
P109
P100
P119
P110
P069
P060
P079
P070
P089
P080
TRST
TCK
TMS
TD1
VD, 2HD, 11AC, OAC, 1820FH
ALCK1
PCA0-3
PCB0-3
1820FH
1820FH1-4
4
8
X2001 70MHz
ALCK2
ALCK1
IC2039 CLOCK DRIVER
1820FH-5
LVS
LHS
OAC
11AC
IC2066
PCC LOADER
XVD
2HD
AD0 – AD9
10
IC2063
PROM FOR PCC
VS6, VS7
IC2064
IC2065
1820FH-5
BUFF
1820FH7
VD, 2HD, 11AC, OAC
PCA0-3, PCB0-3
ALCK2
IC2001-2003
PROM FOR LAP
IC2005
D-FF
DTP0-7
ALCK
XCLK
RESET OUT
XWR
MMW
LCK
BUFF
IC2006
RST, LAPWR, MMW, LCK
IC2004
LAP LOADER
SCLK
XRESET
H. SIZE
V. SIZE
H LATCH
V LATCH
HLATCH
H. POS
VPDS
IC2040-2044
ADDRESS BUS
ADDRESS BUS BUFF, INV
ADDRESS
WR, RD
DECODER
TO, FROM MPU BOARD
AB0-AB9
WR
RD
2HD
VD
CSO
DB0-7
DATA BUS
IC2045 DATA BUS TRANSCEIVER
XRD
DIR
H POSITION LATCH
IC2046
IC2050
IC2048
IC2052
IC2054
IC2056
V POSITION LATCH
IC2047
IC2051
IC2049
IC2053
V. SIZE LATCH
IC2055
IC2057
H POS (H) (L)
V POS (H) (L)
RH P (H) (L)
RV P (H) (L)
RHS
RVS
VLATCH
IC2067 BUS SW LOADER
IC2068 PROM FOR BUS SW
IC2012 MEMORY CONTROL
XVD
X2HD
MASKR
MASK M
HPOS
VPOS
WRLRS, WCLR, WE, CGW, WPS, OE, RSTR, PSTW
D-FF
IC2037
IC2038
IC2073

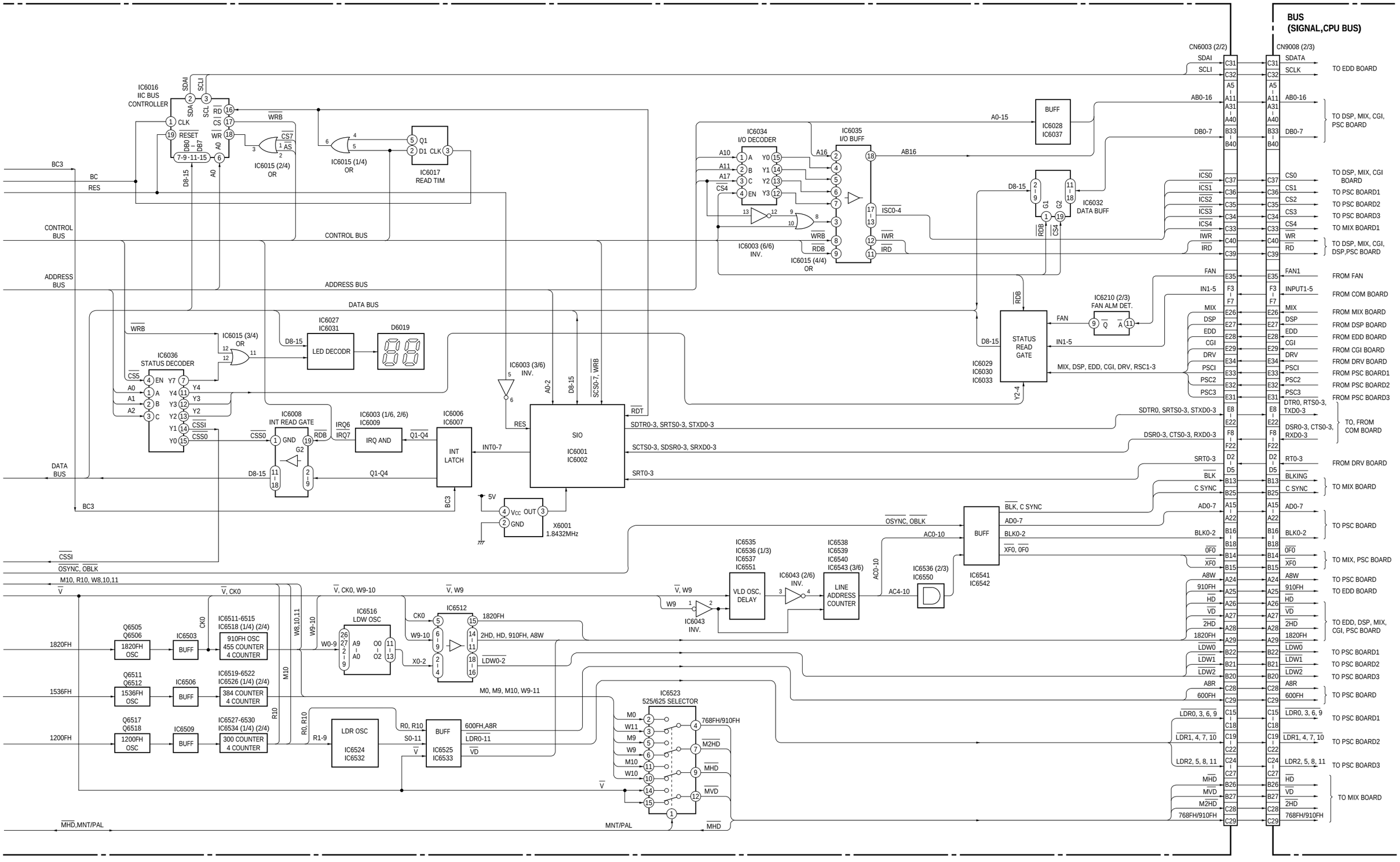

BUS (SIGNAL, CPU BUS)
CGI (COMPUTER GRAPHICS INTERFACE)
CN9004 (1/2)
CN4001 (1/2)
R
G
B
H
V
D40
D38
D36
D34
D32
Q4006, 4007 BUFFER
Q4008, 4009 BUFFER
Q4004, 4005 BUFFER
IC4033 VIDEO AMP
IC4034 VIDEO AMP
IC4032 VIDEO AMP
RV4003 RED GAIN
RV4004 GREEN GAIN
RV4002 BLUE GAIN
IC4030 (2/2), 4036
IC4031 (2/2), 4037
IC4029 (2/2), 4035
FEED BACK CLAMP
RV4006 RED CLAMP LEVEL
RV4007 GREEN CLAMP LEVEL
RV4005 BLUE CLAMP LEVEL
IC4030 (1/2), Q4029
IC4031 (1/2), Q4030
IC4029 (1/2), Q4028
IC4042 A/D CONVERTER OF RED
IC4043 A/D CONVERTER OF GREEN
IC4041 A/D CONVERTER OF BLUE
VIN
VRB
CLK+
CLK–
D0 D7
IC4045 VOLTAGE SET
RV4009 A/D REFERENCE VOLTAGE
RV4008 VIDEO EDGE DETECTION
IC4038-4040 IC4044 (1/2) IC4049 (1/2)
VIDEO EDGE DETECTION
IC4026 TTL-ECL TRANSLATER
IC4018 INV
IC4047, 4051 ECL-TTL TRANSLATER
IC4048, 4052 ECL-TTL TRANSLATER
IC4046, 4050 ECL-TTL TRANSLATER
IC4054 BUFFER OF RED
IC4055 BUFFER OF GREEN
IC4053 BUFFER OF BLUE
D1 D8
Q1 Q8
CLK
DB0-7
DC0-7
DA0-7
8 R
8 G
8 B
IC4056-4059 FIFO MEMORY
DI0-7, DJ0-7
DK0-7, DL0-7
DG0-7, DH0-7
IC4121, 4122, 4127, 4128, IC4133, 4134, 4142, 4143, IC4148, 4149, 4154, 4155, IC4160, 4161, 4166, 4167, IC4172, 4173 BUFFER
IC4123, 4124, 4129, 4130, IC4135, 4136, 4144, 4145, IC4150, 4151, 4156, 4157, IC4162, 4163, 4168, 4169, IC4174, 4175 FRAME MEMORY
IC4125, 4126, 4131, 4132, IC4137, 4138, 4146, 4147, IC4152, 4153, 4158, 4159, IC4164, 4165, 4170, 4171, IC4176, 4177 BUFFER
ROUT0-7
GOUT0-7
BOUT0-7
CN4001 (2/2)
A15 A22
B15 B22
C15 C22
BUS (SIGNAL, CPU BUS)
CN9004 (2/2)
CROUT0-7
CGOUT0-7
CBOUT0-7
TO MIX BOARD
E
FROM INP BOARD
B
IC4103-4120 READ/WRITE EXCHANGER
IC4085, 4086 WRITE MEMORY SELECTOR
IC4078, 4080-4082 FRAME SYNCHRONIZER
IC84087, 4139-4141 READ MEMORY SELECTOR
IC4068, 4069 MEMORY WRITE CONTROLLER
IC4088-4094 WRITE ADDRESS GENERATOR
IC4072-4074, 4079 HD PULSE GENERATOR
IC4076, 4077 MEMORY READ CONTROLLER
IC4096-4102 READ ADDRESS GENERATOR
IC4075 ODD/EVEN GENERATOR
IC4084 INV
IC4063, 4066, 4070 H POSITION COUNTER
IC4027, 4067, 4071 V POSITION COUNTER
IC4064, 4065 FIFO MEMORY CONTROLLER
HP0-7
VP0-7
IC4062 INV
IC4019, 4023, 4024 DIVIDER
IC4001 SYNC SIGNAL PROCESSOR
Q4002 S/G BUFFER
Q4003 VD BUFFER
Q4010 CLMP SW
GIN
CPH
VIN
CLP
HD–
HD+
IC4008 H RESET PULSE GEN
IC4007 H RESET PULSE GEN
IC4027 CLOCK GENERATOR
FBIN
IN
CLK1
IC4016 CLOCK DELAY
IC4006 SELECT
IC4004, 4015 CLOCK PHASE COMPARATOR
Q4021, 4022 CHARG PUMP
IC4021, 4025 Q4023, 4025-4027 CLOCK PHASE CONTROL
RV4001
IC4010-4012 CLOCK PHASE COMPARATOR
IC4007, 4017, 4020 CLOCK PHASE DETECTOR
IC4180 READ/WRITE EXCHANGER
IC4002, 4184-4187 IC4190, 4191 REG
IC4003, 4192-4195 IC4198, 4199 BUFF
SW4001 ON OFF
HP0-9, VP0-9, PL0-2, CGS0-10
HP0-7, VP0-7
PL0-2
CGS0-10
IC4178, 4179 IC4181-4183 ADDRESS DECODER
DATA BUS
ADDRESS BUS
AB0-9
CS0
RD
WR
TO, FROM MPU BOARD
IC4005 (1/2) BUFFER
IC4005 (2/2) BUFFER
CLK
VD
2HD
1820FH
FROM MPU BOARD
CGV
CGH
CGI
IC4206 POWER DETECTION
5V
12V
–5V
IN1
IN2
IN3–
OUT1
OUT2
OUT3
TO MPU BOARD


BUS (SIGNAL, CPU BUS)
MIX (MIX, GAMMA, COLOR, MATRIX)
BUS (SIGNAL, CPU BUS)
CN9003 (1/2)
CN3001 (1/2)
FROM DSP BOARD
FROM CGI BOARD
VRIN0-9
VGIN0-9
VBIN0-9
CRIN0-7
CGIN0-7
CBIN0-7
VIDEO BUFF IC3013 -3015
VIDEO SELECTOR IC3016 -3018
CG BUFF IC3001 -3003
CG SELECTOR IC3010 -3012
RGB FIFO MEMORY IC3097 IC3098
IC3099 MONITOR DAC
RGB GAMMA IC3108-3110
RGB MIN. MAX. LEVEL COMPARATOR IC3004-3009
IC3025 MIX LEVEL DETECTOR
IC3027 BUFF
IC3026 MODE SELECT
IC3035 CLOCK BUFF
LEVEL CONV IC3501 -3504
IC3507 COLOR MATRIX
RGB FIFO MEMORY IC3049-3051
BUFF IC3052-3054
Q3001 BUFF
Q3002 BUFF
Q3003 BUFF
Q3004 BUFF
Q3005 BUFF
Q3006 BUFF
DL3001 LPF
DL3002 LPF
DL3003 LPF
IC3103 NT/PAL ENCODER
TP3002
FL3006 EMI
IC3105 1/4 DIVIDER
IC3104 (3/5) (4/5) PAL OSC
IC3104 (2/5) NTSC OSC
X3001 14.318MHz
X3002 17.734MHz
CV3001 SUBCARRIER ADJ, NTSC
CV3002 SUBCARRIER ADJ, PAL
IC3104 (1/5) INV
Q3007 INV
Q3008 INV
IC3106 (4/5) BLKING MIX
IC3096 (1/5) INV
IC3096 (4/5) HSXVS
CN3001 (2/2) MONITOR OUT
CN9003 (2/2) MOUT
TO INP BOARD
C SYNC
BLNKING
FROM MPU BOARD
ROUT0-9
GOUT0-9
BOUT0-9
TO PSC BOARD
IC3113, 3114 8/10 SELECTOR
DB0-7
DATA BUS
IC3058 BUFF
MODE REG
BRT REG IC3059
MODE REG IC3060
HS HP REG
VS VP REG
IC3080-3083
IC3084-3089 H SIZE, POSITION COUNTER
IC3090-3095 V SIZE, POSITION COUNTER
DFF IC3072 IC3074
RSTR
H BLK
S BLK
MCLK
N/P
WCLK
WE
2HD
HD
VD
M2HD
MHD
MVD
MHD LD
DM HD
MVD LD
SYNCHRO -NIZE IC3071 -3075
768FH/ 910FH
NT/PAL
IC3055 CLOCK BUFF
IC3106 (3/5) NTSC SELECT
IC3106 (2/5) PAL SELECT
768/910 COUNTER IC3100 -3102
IC3106 COUNT STARTER
ODD/ EVEN DETECTO IC3056, 3057
WE OST MONITO
IC3027 (2/6) INV
IC3027 (3/6) INV
IC3028, 3029 2HD LD PULSE OSC
IC3036, 3037 H. START POSITION COUNTER
IC3038-3041 64 CLOCK COUNTER
IC3042 1 CLOCK DELAY
IC3043 START POSITION SELECTOR
PRG, COE ROM IC3515 IC3516
IC3517 PRG, COE SELECT
IC3505
IC3506 BUFF
IC3508-3514 IC3518, 3519
X3501 60MHz
COUNTER DIVIDER
LMLC
LMMM
LMAS
LMAC
LM2H
LM18
IC3518 INV
IC3048 OFO RE MIX
IC3112 READ IN HIBIT
IC3070 INV
IC3069 INV
AD DECODER IC3065-3068
BUFF IC3062 IC3107
ADDRESS BUS
AB0-14
AB15, AB16
RGB GAMMA SELECT
IC3055 CLOCK BUFF
OFO R, G, B, RF OSC IC3044-3047
IC3027 INV
IC3048 BUFF
IC3040 (4/5) 0F0XV0
WRITE RESET OSC IC6042
F3001
D3001 DETECT
MIX
1820FH
RST
RESET
CS0
WR
CS4
0F0
XF0
TO MPU BOARD
FROM MPU BOARD
TO, FROM MPU BOARD
JTC-P200/JTA-SB200
8-7
8-7


BUS (SIGNAL,CPU BUS)
CN9005 (1/2)
CN5001 (1/2)
FROM MIX BOARD
F
RIN0-9
GIN0-9
BIN0-9
AB0-7
BLK0-7
DB0-7
CS1
AB0-9
RD
WR
1820FH
2HD
XF0, 0F0
A8W
LDW0
R
G
B
RGB REG
IC5001-5003
K5-7, CKW
D0-9
AB0-7
BLK0-2
AD REG, BLK, BUFF
IC5004
IC5006
K4, LDW
BRT, RFS, BLK, F0 REG
IC5007-5010
E0-2
K0-3
IC5025
DB BUFF
DATA BUS
8
IC5106 (1/9)
INV
IC5107 (6/6)
INV
ADDRESS BUS
AB BUFF, CTRL DPM SELECTOR
IC5021, 5022
M12
M0-13
M0-7, M13
BRB REG SELECTOR
IC5023
IC5024
IC5106
BUFF
IC5026
AND
H0-3
IC5106 (5/9)
BUFF
LDW
CKW
REG SELECTOR DELAY
IC5011
IC5012
K0-7
A6, A7, XF0
DATA DRM WR-AD GEN.
IC5033-5036
IC5104
BLK3, 4
A8W
LDW
CKW
LINE AD, DATA DPM SELECTOR
IC5037
IC5038
IC5039
LINE AD MIX
A0-7, 11
BUFF
IC5040
IC5041
P0-12
IC5106 (7/9)
CKW BUFF
IC5106 (1/9)
CKW BUFF
IC5106 (6/9)
CKW BUFF
P13
IC5105 (1/6)
INV
IC5022
XF0 DELAY
F0
P0-13
N0-7
M0-13
DATA DPM
IC5013, 5015
IC5017, 5019
WA0-9
WB0-9
WC0-9
WD0-9
TA0-9
TB0-9
TC0-9
TD0-9
CTRL DPM
IC5014, 5016
IC5018, 5020
I0-I0 CONV
IC5054
IC5068
IC5083
IC5097
XA0-9
XB0-9
XC0-9
XD0-9
VA0-9
VB0-9
VC0-9
VD0-9
SYNC EOF
IC5052, 5053
IC5066, 5067
IC5080, 5081
IC5095, 5096
VA1, 3
VB1, 3
VC1, 3
VD1, 3
PS CONVERTER
IC5054, 5068
IC5083, 5097
VA4
VB4
VC4
VD4
CK
IC5100
I0-I0 CONV SEL
D4
D3, 5
Y0, Y7
DELAY
IC5049
IC5063
IC5077
IC5092
VA0-4
VB0-4
VC0-4
VD0-4
TA8, 9
TB8, 9
TC8, 9
TD8, 9
RA4-7
RB4-7
RC4-7
RD4-7
SELECTOR
IC5047
IC5061
IC5075
IC5090
RA3, 9-11
RB3, 9-11
RC3, 9-11
RD3, 9-11
BUFF
IC5055, 5069
IC5084, 5098
YA0-7
YB0-7
YC0-7
YD0-7
ZA0-7
ZB0-7
ZC0-7
ZD0-7
8
10
40
CN5001 (2/2)
CN9005 (2/2)
BUS (SIGNAL,CPU BUS)
SO00-07
SO24-31
SO48-55
SO72-79
TO DRV BOARD
G
IC5103
CKR BUFF
CKR
600FH
DELAY
IC5048
IC5062
IC5076
IC5091
TA0-7
TB0-7
TC0-7
TD0-7
SA0-7
SB0-7
SC0-7
SD0-7
RD AD CONV
IC5049
IC5060
IC5074
IC5089
RA0-7
RB0-7
RC0-7
RD0-7
RA11
RB11
RC11
RD11
RA0-8, 10
RB0-8, 10
RC0-8, 10
RD0-8, 10
IC5099
PS-CONV LD
RA9, RB9, RC9, RD9
FN READY
IC5028 (1/3)
IC5031 (1/3)
FN ENB
IC5028 (2/3)
IC5031 (2/3)
C0-3
IC5032
0F0 DETECT
IC5101 (3/7) (6/7)
IC5102 (3/7) (6/7)
INV
IC5101 (1/7) (4/7)
IC5102 (1/7) (4/7)
INV
IC5101 (2/7) (5/7)
IC5102 (2/7) (5/7)
RD-AD STARTER
DPM RD-AD GEN
IC5042-5045
IC5056-5059
IC5070-5073
IC5085-5088
LA
LB
LC
LD
LDR0
LDR3
LDR6
LDR9
A8R
5V
S.B.
F5001
3.15A
D5001
DETECT
PSC1
TO MPU BOARD
FROM MPU BOARD
PSC
(PARALLEL SERIAL CONVERTER)

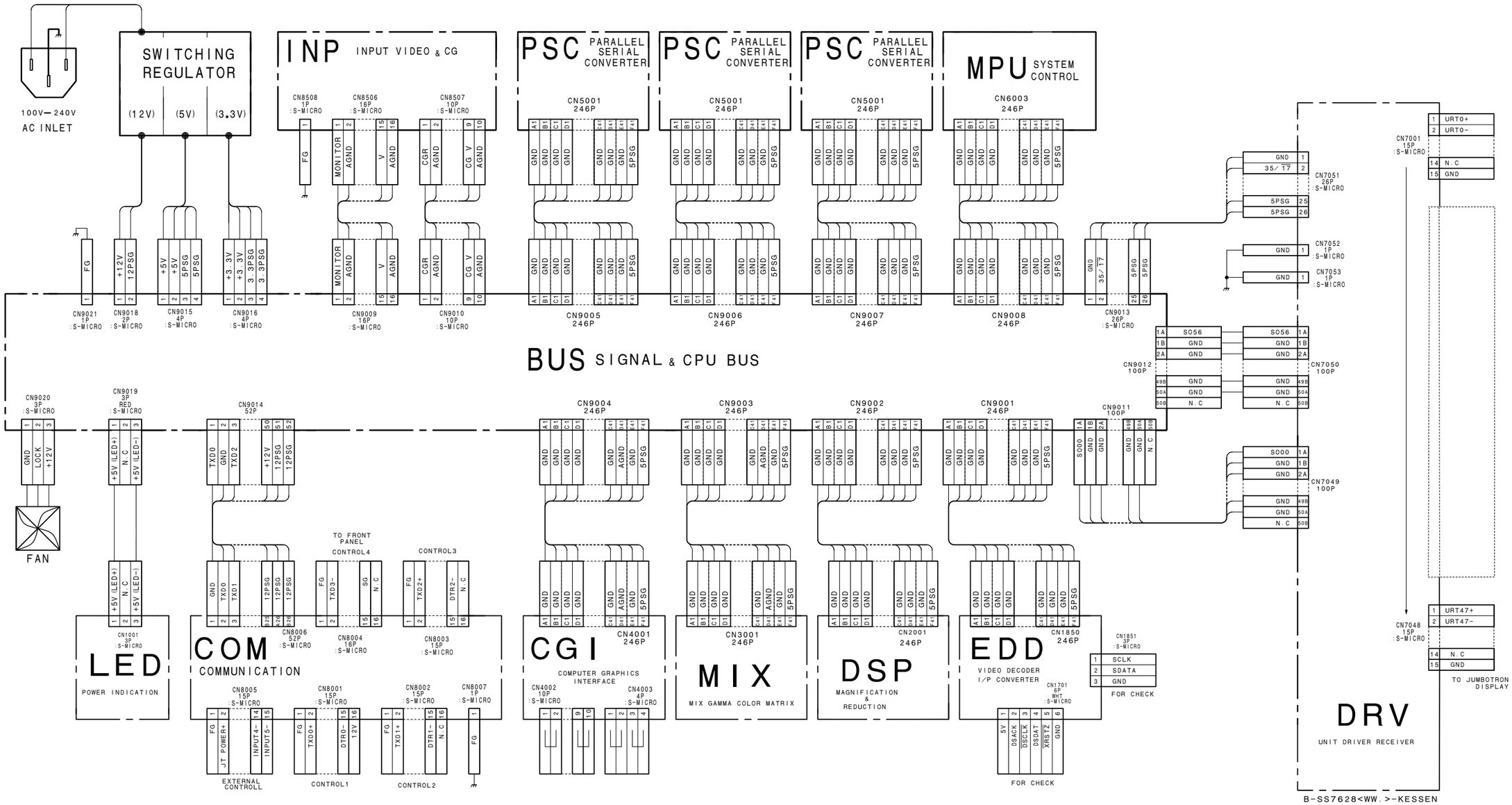

BUS
(SIGNAL, CPU BUS)
CN9011
CN7049
SO00-07
SO24-31
SO48-55
SO72-79
SO08-15
SO32-39
FROM PSC BOARD-1
FROM PSC BOARD-2
CN9012
CN7050
SO56-63
SO80-87
SO16-23
SO40-47
SO64-71
SO88-95
FROM PSC BOARD-3
CN9013
CN7051
35/17
RT0-3
STB
SEL0-3
DRV
TO, FROM MPU BOARD
IC7051
16/32 DOT TYPE SEL.
LINE DRIVER
IC7001-7036
S0-287
288
FILTER
FL7001
FL7048
CN7001-7048
96 SO 00+ – 95+
96 SO 00– – 95–
TO Jumbo Tron DISPLAY UNIT
LINE RECEIVER
IC7037-7048
RT0
RT1
RT2
RT3
U0-95
48 URT 0+ – 47+
48 URT 0– – 47–
G0-11
RECEIVER SELECT
IC7049
IC7050
FL7073
CB
FILTER
5V
DRV
(UNIT DRIVER, RECEIVER)
COM
(COMMUNICATION)
CN9014
CN8006
TXD0-3
RTS0-3
DTR0-3
RXD0-3
CTS0-3
DSR0-3
JTPOWER
UTILITY
INPUT1-5
IC8001-8003
TXD, RTS, DTR DRIVER
TXD 0+ – 3+
TXD 0– – 3–
RTS 0+ – 3+
RTS 0– – 3–
DTR 0+ – 3+
DTR 0– – 3–
IC8004-8006
RXD, CTS, DSR RECEIVEWR
RXD 0-3
CTS 0-3
DSR 0-3
RXD 0+ – 3+
RXD 0– – 3–
CTS 0+ – 3+
CTS 0– – 3–
DSR 0+ – 3+
DSR 0– – 3–
CN8001-8003
TXD 0± – 2±
RTS 0+ – 2±
RXD 0± – 2±
CTS 0± – 2±
DSR 0± – 2±
DTR 0± – 2±
CONTROL 1-3
CN8004
TXD 3±
RTS 3±
DTR 3±
RXD 3±
CTS 3±
DSR 3±
TO FRONT PANEL
CONTROL 4
CN8005
JTPOWER±
UTILITY±
INPUT1+
INPUT2+
INPUT3+
INPUT4+
INPUT5+
UTILITY
Q8001
JTPOWER RL DRIVER
RL8001 RELAY
JTPOWER+
JTPOWER–
FL8011 FL8012 FILTER
FL8013 FL8014 FILTER
Q8002
UTILITY RL DRIVER
RL8002 RELAY
UTILITY+
UTILITY–
IC8007 HD INPUT DRIVER
FILTER FL8009
FILTER FL8010
INPUT 1+ – 5+
INPUT 1– – 5–
POWER
SWITCHING RAGURATOR
12V
5V
3.3V
CN9018
CN9015
CN9016
1·2
1·2·3·4
CN9020
CN9008 (3/3)
E35
FAN
FAN1
TO MPU BOARD
CN0001
CN9019
LED
(POWER INDICATION)
BUS
(SIGNAL, CPU BUS)


BUS (SIGNAL, CPU BUS)
MPU (SYSTEM CONTROL)
CN9008 (1/3)
CN6003 (1/2)
TO EDD, DSP, MIX BOARD
TO EDD, DSP, MIX, CGI, PSC BOARD
NT/PAL
RESET
BNT/PAL
5V
IC6012 RESET
IC6011 BUFF
SW6001 RESET
X6002 24.000MHz
MNT/PAL
MA17
MA16
RD
HWR
WD0
WD1
MR
BC3
BC
RES
A17
A16
RDB
WRB
ADDRESS BUS
CONTOL BUS
MA0-20
MA
IC6013 CPU
EXTAL
P62
RES
NMI
P61
Ø
A0 – A20
CS0
CS7
CS0-7
IRQ6
IRQ7
AS
RD
HWR
LWR
IRQ0
PA0
RY/BY
MRES
RESET
MA1-18, 19
MA1-17, 20
MA1- 20
IC6040 INV.
IC6039 (2/4) OR
IC6039 (1/4) OR
SRAM
IC6004 IC6005
IC6010 PROGRAM ROM
IC6038 MIX DATA ROM
MD0-15
MD8-15
MD
NAND
IC6014 (1/4)
MA0- 15
AD BUFF
DATA BUFF
A0-15
A0-16
D8-15
IC6018-6020
IC6021 EEP ROM
IC6023 RTC
IC6022 SIO DECODER
DATA BUS
UTILITY
MUTILITY
JTPOWER
MJTPOWER
35/17
M35/17
SEL0-3
MSEL0-3
STB
MSTB
15K/31K
M15K/31K
CGV
CGH
VDV
VDH
CGV SYNC
CGH SYNC
VSYNC
IC6024 BUFF
H SYNC
TIOCA4
TIOCA2
TIOCA3
TIOCA1
H/2H
P95
OVD
SW6002 STATUS SW
IC6025 STATUS READ GATE
IC6534 (4/4) INV.
IC6547 1/2 DIVIDER
IC6548 AND
IC6546 SYNC GEN
MD2
CLIN
OSYNC
OBLK
OHD
OVD
VRI
HRI
LAL
LALTRI
EXT
W8
MHD
X6501 14.318MHz
X6502 14.1875MHz
IC6545 NTSC,PAL/SECAM OSC
OSYNC, OBLK
CL
W11
PLLH
IC6544 NOSYNC/SYNC SELECT
IC6543 (4/6) INV.
IC6543 (5/6) INV.
Q6031, Q6032
SYNC DETECTOR
IC6209 EQ PULSE REJ
IC6210 Q6033
H/2H DETECTOR
IC6531 H/H2 SELECT
W10
M10
R10
RFO
RF1
RF2
H SYNC
TP6501
TP6502
TP6503
TP6504
IC6501 (1/2) Q6501 Q6502
IC6502 (1/5) Q6503
IC6502 (2/5) Q6504
IC6501 (2/2)
IC6504 (1/2) Q6507 Q6508
IC6505 (1/5) Q6509
IC6505 (2/5) Q6510
IC6504 (2/2)
IC6507 (1/2) Q6513 Q6514
IC6508 (1/5) Q6515
IC6508 (2/5) Q6516
IC6507 (2/2)
INVERTER INTEGRATOR
S/H1
S/H2
BUFF
1820FH
1536FH
1200FH
CSSI
W8,10,11, M10, R10
MHD,MNT/PAL


BUS
(SIGNAL,CPU BUS)
CN6003 (2/2)
CN9008 (2/3)
SDAI
SCLI
SDATA
SCLK
TO EDD BOARD
IC6016
IIC BUS
CONTROL
LER
CLK
RESET
SDA
SCL
RD
CS
WR
A0
D8-15
WRB
CS7
AS
IC6015 (2/4)
OR
IC6015 (1/4)
OR
IC6017
READ TIM
Q1
D1 CLK
BC3
BC
RES
CONTROL BUS
ADDRESS BUS
DATA BUS
IC6034
I/O DECODER
IC6035
I/O BUFF
A10
A11
A17
CS4
A16
AB16
A0-15
BUFF
IC6028
IC6037
AB0-16
DB0-7
TO DSP, MIX, CGI,
PSC BOARD
IC6003 (6/6)
INV.
IC6015 (4/4)
OR
WRB
RDB
ISC0-4
IWR
IRD
D8-15
IC6032
DATA BUFF
ICS0
ICS1
ICS2
ICS3
ICS4
IWR
IRD
CS0
CS1
CS2
CS3
CS4
WR
RD
TO DSP, MIX, CGI
BOARD
TO PSC BOARD1
TO PSC BOARD2
TO PSC BOARD3
TO MIX BOARD1
TO DSP, MIX, CGI,
DSP,PSC BOARD
IC6027
IC6031
D6019
LED DECODR
IC6015 (3/4)
OR
IC6036
STATUS DECODER
CS5
IC6003 (3/6)
INV.
SCS0-7, WRB
IC6008
INT READ GATE
IC6003 (1/6, 2/6)
IC6009
IRQ AND
IC6006
IC6007
INT
LATCH
INT0-7
IRQ6
IRQ7
CSS0
CSSI
RDB
Q1-Q4
G2
SIO
IC6001
IC6002
RES
RDT
SDTR0-3, SRTS0-3, STXD0-3
SCTS0-3, SDSR0-3, SRXD0-3
SRT0-3
STATUS
READ
GATE
IC6029
IC6030
IC6033
Y2-4
FAN
IN1-5
MIX, DSP, EDD, CGI, DRV, RSC1-3
IC6210 (2/3)
FAN ALM DET.
FAN1
FROM FAN
INPUT1-5
FROM COM BOARD
MIX
DSP
EDD
CGI
DRV
PSCI
PSC2
PSC3
FROM MIX BOARD
FROM DSP BOARD
FROM EDD BOARD
FROM CGI BOARD
FROM DRV BOARD
FROM PSC BOARD1
FROM PSC BOARD2
FROM PSC BOARD3
DTR0, RTS0-3,
TXD0-3
DSR0-3, CTS0-3,
RXD0-3
TO, FROM
COM BOARD
SDTR0, SRTS0-3, STXD0-3
DSR0-3, CTS0-3, RXD0-3
SRT0-3
RT0-3
FROM DRV BOARD
BLK
C SYNC
BLKING
TO MIX BOARD
BLK, C SYNC
AD0-7
BLK0-2
0F0
XF0
TO PSC BOARD
TO MIX, PSC BOARD
OSYNC, OBLK
AC0-10
AC4-10
IC6535
IC6536 (1/3)
IC6537
IC6551
IC6538
IC6539
IC6540
IC6543 (3/6)
IC6043 (2/6)
INV.
IC6043
INV.
VLD OSC,
DELAY
LINE
ADDRESS
COUNTER
IC6536 (2/3)
IC6550
IC6541
IC6542
CSSI
M10, R10, W8,10,11
V
V, CK0
V, CK0, W9-10
V, W9
W9
A8W
910FH
HD
VD
2HD
1820FH
LDW0
LDW1
LDW2
A8R
600FH
TO EDD, DSP, MIX,
CGI, PSC BOARD
TO PSC BOARD1
TO PSC BOARD2
TO PSC BOARD3
TO PSC BOARD
TO EDD BOARD
1820FH
1536FH
1200FH
Q6505
Q6506
1820FH
OSC
Q6511
Q6512
1536FH
OSC
Q6517
Q6518
1200FH
OSC
IC6503
IC6506
IC6509
BUFF
CK0
IC6511-6515
IC6518 (1/4) (2/4)
910FH OSC
455 COUNTER
4 COUNTER
IC6519-6522
IC6526 (1/4) (2/4)
384 COUNTER
4 COUNTER
IC6527-6530
IC6534 (1/4) (2/4)
300 COUNTER
4 COUNTER
M10
R10
W8,10,11
W9-10
W0-9
IC6516
LDW OSC
A9
A0
O0
O2
IC6512
CK0
W9-10
X0-2
1820FH
2HD, HD, 910FH, A8W
LDW0-2
M0, M9, M10, W9-11
R0, R10
R1-9
LDR OSC
IC6524
IC6532
S0-11
IC6525
IC6533
600FH,A8R
LDR0-11
VD
IC6523
525/625 SELECTOR
M0
W11
M9
W9
M10
W10
768FH/910FH
M2HD
MHD
MVD
LDR0, 3, 6, 9
LDR1, 4, 7, 10
LDR2, 5, 8, 11
TO PSC BOARD1
TO PSC BOARD2
TO PSC BOARD3
TO MIX BOARD
MHD,MNT/PAL
MNT/PAL
5V
Vcc
GND
OUT
X6001
1.8432MHz

SECTION 9
DIAGRAMS

9-1. FRAME SCHEMATIC DIAGRAM



9-2. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

Note:

- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics.
- All electrolytics are in 50 V unless otherwise specified.
- All resistors are in ohms, 1/4 W in resistance, 1/10W in chip resistance.
  kΩ = 1000 Ω, MΩ = 1000k Ω
- : nonflammable resistor.
- : fusible resistor.
- △ : internal component.
- : panel designation and adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- Voltage value is the reference value between it and the earth, when NTSC color bar signal, SECAM color bar signal and RGB color bar signal are received from color bar generator (digital multi-meter used : 10 M ohms/V DC).
- Unit of voltage values is V (volt).
- No mark : common voltage.
- < > : with NTSC color bar signal is received.
- ( ) : with SECAM color bar signal is received.
- [ ] : with RGB color bar signal is received.
- * : Measurement disabled.
- Circled numbers are waveform reference.
- F : Signal Path.

Reference information

RESISTOR	RN	: METAL FILM
	RC	: SOLID
	FPRD	: NONFRAMMABLE CARBON
	FUSE	: NONFLAMMABLE FUSIBLE
	RS	: NONFLAMMABLE METAL OXIDE
	RB	: NONFLAMMABLE CEMENT
	RW	: NONFLAMMABLE WIREWOUND
	※	: ADJUSTMENT RESISTOR
COIL	LF-8L	: MICRO INDUCTOR
CAPACITOR	TA	: TANTALUM
	PS	: STYROL
	PP	: POLYPROPYLENE
	PT	: MYLAR
	MPS	: METALIZED POLYESTER
	MPP	: METALIZED POLYPROPYLENE
	ALB	: BIPOLAR
	ALT	: HIGH TEMPERATURE
	ALR	: HIGH RIPPLE

The components identified ⚠ marked are critical for safety.
Replace only with the part number specified.

Les composants identifiés par la marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

- ケミタン，タンタルを除くコンデンサで耐圧50 V以下のものは，その耐圧を省略。単位はすべてµF（pはpF）
- ケミコン，タンタルのコンデンサで耐圧50Vは省略。
- 抵抗で指示のないものは1/4 W，チップ抵抗は1/10 Wです。
  単位は全てΩ。k Ω = 1000 Ω，M Ω = 1000 kΩ
- 印はヒューズ抵抗。
- 印は不燃性抵抗。
- △ 印は内蔵部品。
- 印はパネル表示および調整名称。
- 半固定抵抗および可変抵抗器の特性カーブ（B）は省略。
- 電圧値は，カラーバーゼネレータより，NTSCカラーバー信号，SECAMカラーバー信号，および，RGBカラーバー信号を受信したときの対アース間の参考値。
  （使用デジタルマルチメーター10 MΩ/V DC）
- 電圧値の単位は V（ボルト）
- 無印は共通信号。
- ＜ ＞ 印はNTSCカラーバー信号。
- （ ）印はSECAMカラーバー信号。
- [ ] 印はRGBカラーバー信号。
- ＊ 印は測定不能。
- 丸数字は波形表の番号。
- ⇨ は信号経路。

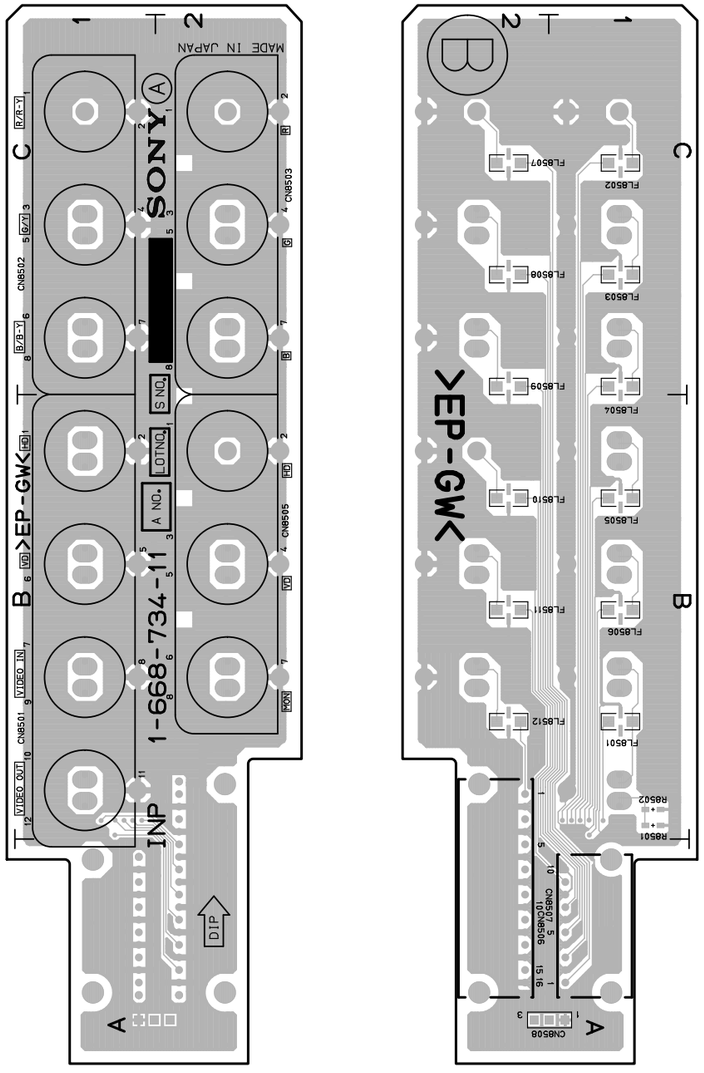
－部品特性省略表－

- 固定抵抗
  RN ：金属被膜
  RC ：ソリッド
  FPRD ：不燃性カーボン
  FUSE ：不燃性ヒューズ
  RS ：不燃性酸化金属被膜
  RB ：不燃性セメント
  RW ：不燃性巻線
  ※ ：調整抵抗

- マイクロインダクタ
  LF−8B ：マイクロインダクタ

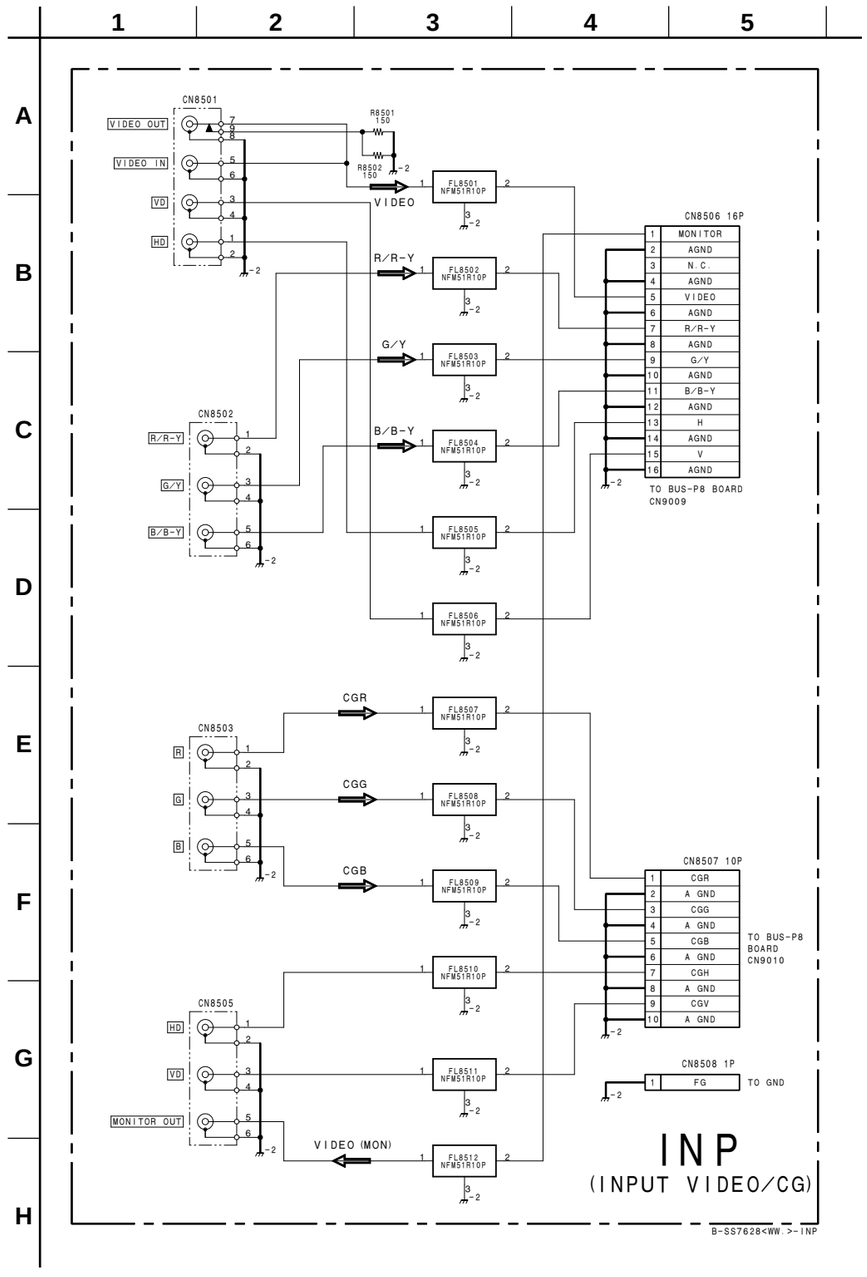
- コンデンサ
  TA ：タンタル
  PS ：スチロール
  PP ：ポリプロピレン
  PT ：マイラ
  MPS ：メタライズドポリエステル
  MPP ：メタライズドポリプロピレン
  ALB ：バイポーラ
  ALT ：高温用
  ALR ：ハイリップル

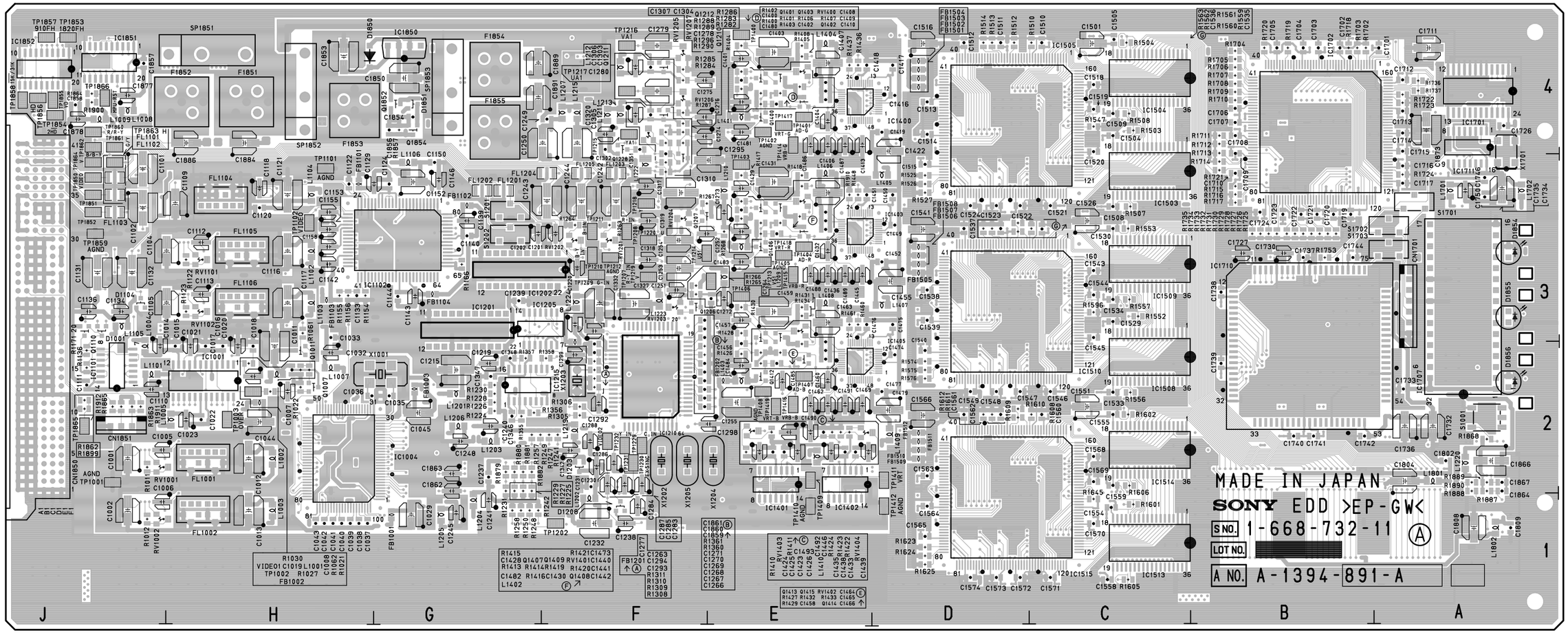
⚠印の部品は，安全性を維持するために，重要な部品です。従って交換時は，必ず指定の部品を使用してください。



INP – A SIDE –
SUFFIX: -11

INP – B SIDE –
SUFFIX: -11

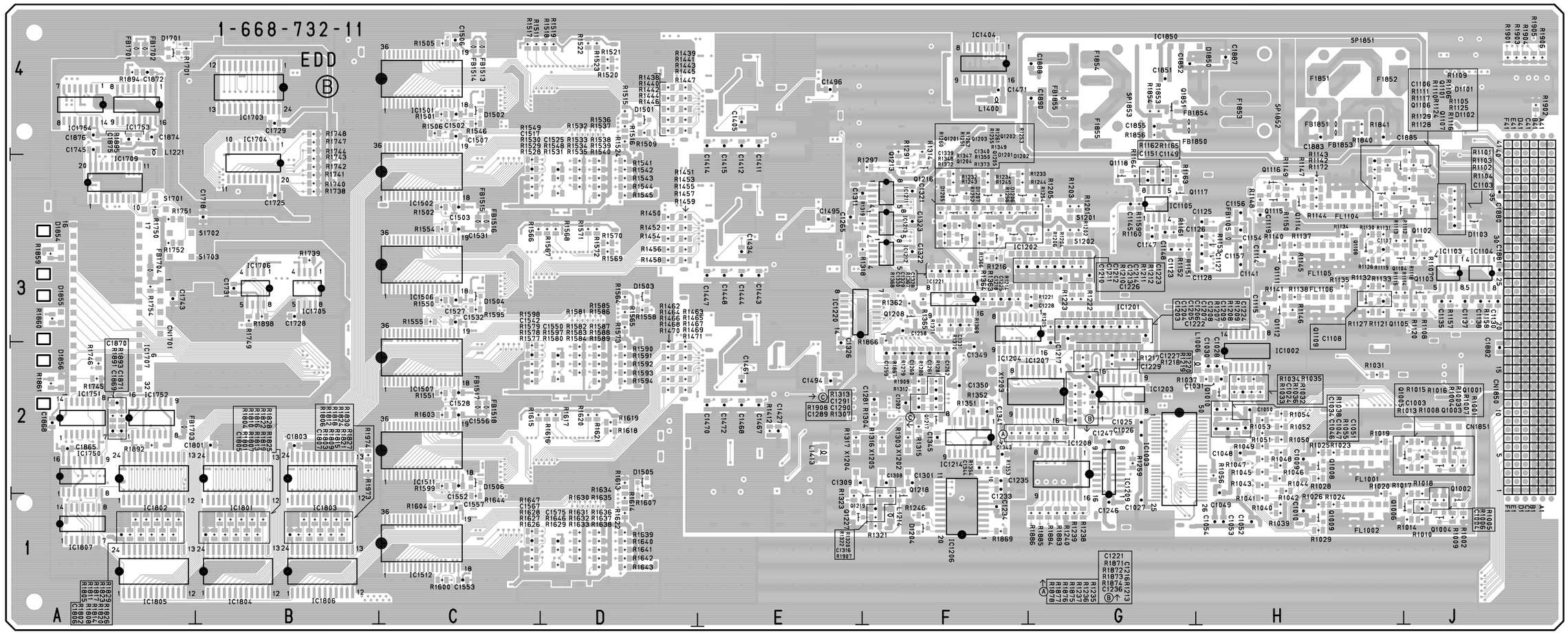




EDD BOARD
*: B SIDE

D1001 J-3	IC1002 *H-2	IC1220 *E-3	IC1702 B-4	Q1001 *J-2	Q1115 *H-3	Q1402 E-4	RV1102 H-3	TP1207 F-3	TP1406 E-3	TP1861 J-4
D1101 *J-3	IC1003 *G-2	IC1221 *F-3	IC1703 *B-4	Q1002 *J-1	Q1116 *H-3	Q1403 E-4	RV1201 F-3	TP1208 F-3	TP1407 E-2	TP1862 J-4
D1102 *J-3	IC1004 H-2	IC1400 E-4	IC1704 *B-3	Q1003 *J-2	Q1117 *G-3	Q1406 E-3	RV1202 F-3	TP1209 F-3	TP1408 E-2	TP1863 J-3
D1103 *J-3	IC1101 J-2	IC1401 E-2	IC1705 *B-3	Q1004 *J-1	Q1118 *G-3	Q1407 E-3	RV1203 F-3	TP1210 F-3	TP1409 E-2	TP1864 J-3
D1104 J-3	IC1102 G-3	IC1402 E-2	IC1706 *B-3	Q1005 *J-2	Q1201 *F-3	Q1408 E-3	RV1204 F-3	TP1211 F-3	TP1410 E-1	TP1865 J-2
D1201 *F-3	IC1103 *J-3	IC1403 E-3	IC1707 A-3	Q1006 *J-1	Q1202 *F-3	Q1409 E-3	RV1205 F-4	TP1212 F-3	TP1411 D-2	TP1866 J-4
D1202 *G-3	IC1104 *J-3	IC1404 *F-4	IC1709 *A-3	Q1007 H-2	Q1203 *F-3	Q1412 E-2	RV1206 F-4	TP1213 E-3	TP1412 D-1
D1203 F-2	IC1105 *G-3	IC1405 E-2	IC1710 B-3	Q1008 *H-2	Q1204 *F-3	Q1413 E-3	RV1207 F-4	TP1214 F-3	TP1414 E-4
D1204 *F-1	IC1201 G-3	IC1501 *C-4	IC1711 A-4	Q1009 *H-1	Q1205 *F-3	Q1414 E-2	RV1400 E-4	TP1215 F-4	TP1415 E-3
D1205 *F-3	IC1202 G-3	IC1502 *C-3	IC1750 *A-2	Q1010 *H-2	Q1206 F-3	Q1415 E-3	RV1401 E-4	TP1216 F-4	TP1416 E-2
D1206 *F-3	IC1203 *G-2	IC1503 C-3	IC1751 *A-2	Q1011 H-2	Q1207 F-3	Q1416	RV1402 E-3	TP1217 F-4	TP1417 E-4
D1207 *F-3	IC1204 *F-3	IC1504 C-4	IC1752 *A-2	Q1101 *H-3	Q1208 *F-3	Q1417	RV1403 E-2	TP1218 F-3	TP1418 E-3
D1208 F-1	IC1205 G-3	IC1505 D-4	IC1753 *A-4	Q1102 *J-3	Q1210 F-3	Q1418	RV1404 E-2	TP1219 F-3	TP1419 E-2
D1502 *C-4	IC1206 *F-1	IC1506 *C-3	IC1754 *A-4	Q1103 *J-3	Q1211 F-4	Q1419	RV1405	TP1220 F-3	TP1850 J-3
D1504 *C-3	IC1207 *G-2	IC1507 *C-2	IC1801 *B-2	Q1104 *H-3	Q1212 F-4	Q1420	RV1406	TP1229 F-2	TP1851 J-3
D1506 *C-2	IC1208 *G-2	IC1508 C-2	IC1802 *A-2	Q1105 *H-3	Q1213 *F-3	Q1421	RV1407	TP1230 F-2	TP1852 J-3
D1701 *A-4	IC1209 *G-2	IC1509 C-3	IC1803 *B-2	Q1106 *H-3	Q1216 *F-3	Q1422	RV1408	TP1231 F-2	TP1853 J-4
D1850 H-4	IC1210 F-2	IC1510 D-3	IC1804 *B-1	Q1107 *H-3	Q1217 *F-2	Q1851		TP1232 F-2	TP1854 J-4
D1851 G-4	IC1211 *F-3	IC1511 *C-2	IC1805 *A-1	Q1108 *H-3	Q1218 *F-1	Q1852	TP1001 J-2	TP1400 E-4	TP1855 J-4
D1854 A-3	IC1212 *F-3	IC1512 *C-1	IC1806 *B-1	Q1109 *H-3	Q1219 *F-1	Q1854	TP1002 H-2	TP1401 E-4	TP1856 J-4
D1855 A-3	IC1213 *F-3	IC1513 C-1	IC1807 *A-1	Q1110 J-3	Q1227 *E-1		TP1003 H-2	TP1402 E-4	TP1857 J-4
D1856 A-2	IC1214 *F-2	IC1514 C-2	IC1850 G-4	Q1111 *H-3	Q1228 F-4	RV1001 J-2	TP1101 H-3	TP1403 E-3	TP1858 J-4
	IC1215 G-2	IC1515 D-1	IC1851 J-4	Q1112 *H-3	Q1400 E-4	RV1002 J-1	TP1102 H-3	TP1404 E-3	TP1859 J-3
IC1001 H-2	IC1216	IC1701 A-4	IC1852 J-4	Q1114 *H-3	Q1401 E-4	RV1101 H-3	TP1202 F-1	TP1405 E-3	TP1860 J-4

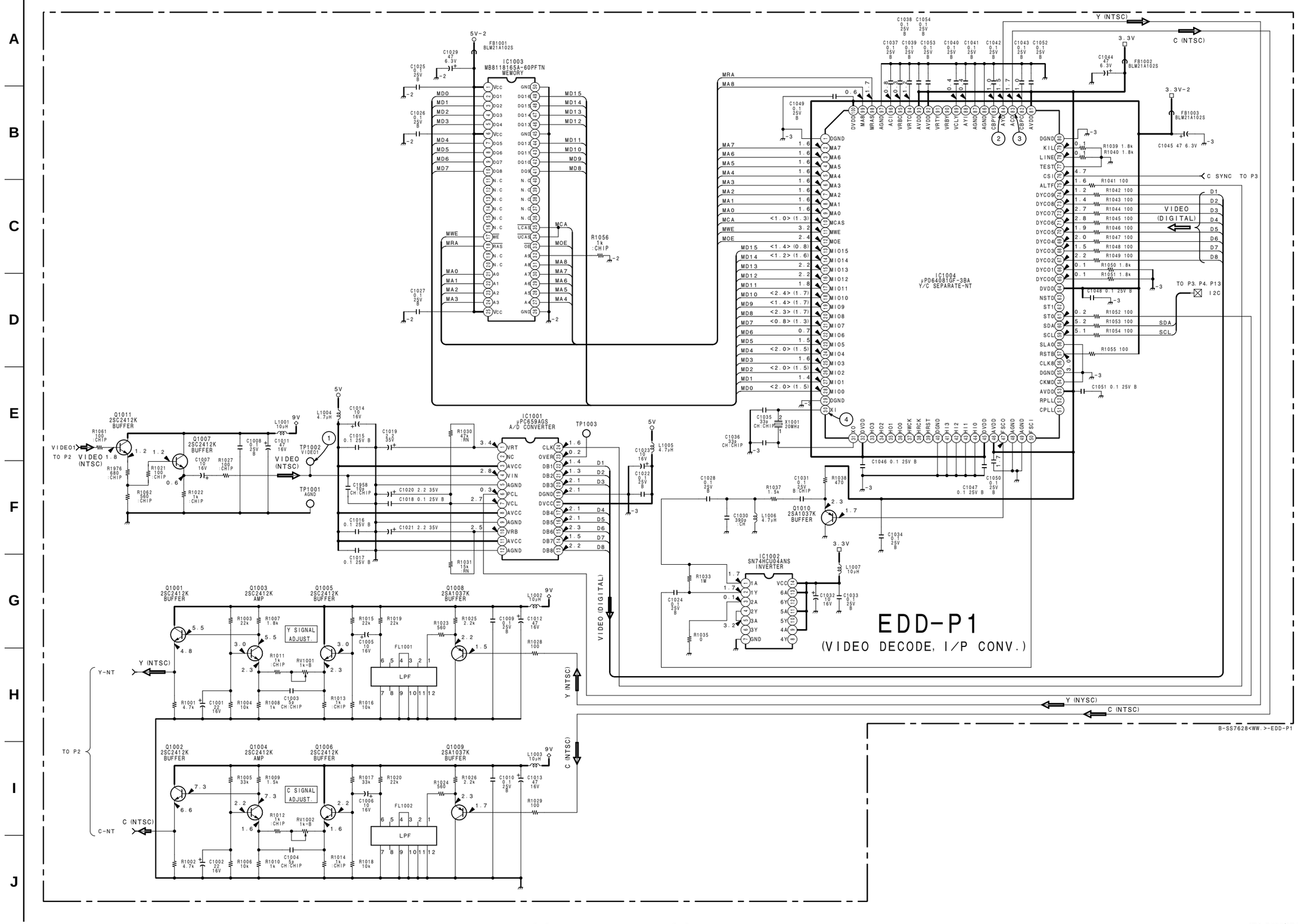
EDD -A SIDE-
SUFFIX-11



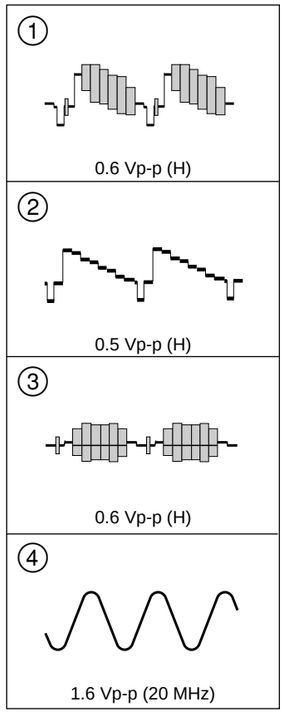
EDD -B SIDE-
SUFFIX-11

EDD-P1

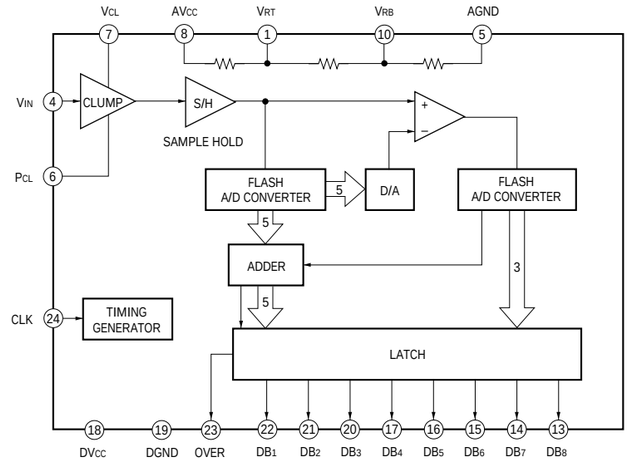
(VIDEO DECODE, I/P CONV.)



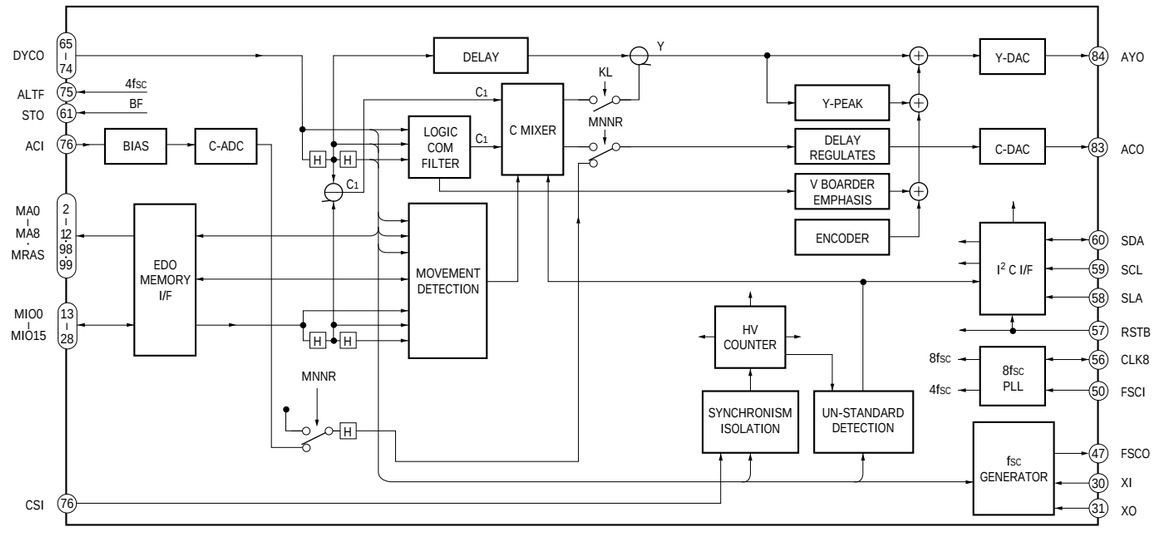
• EDD-P1 BOARD WAVEFORMS

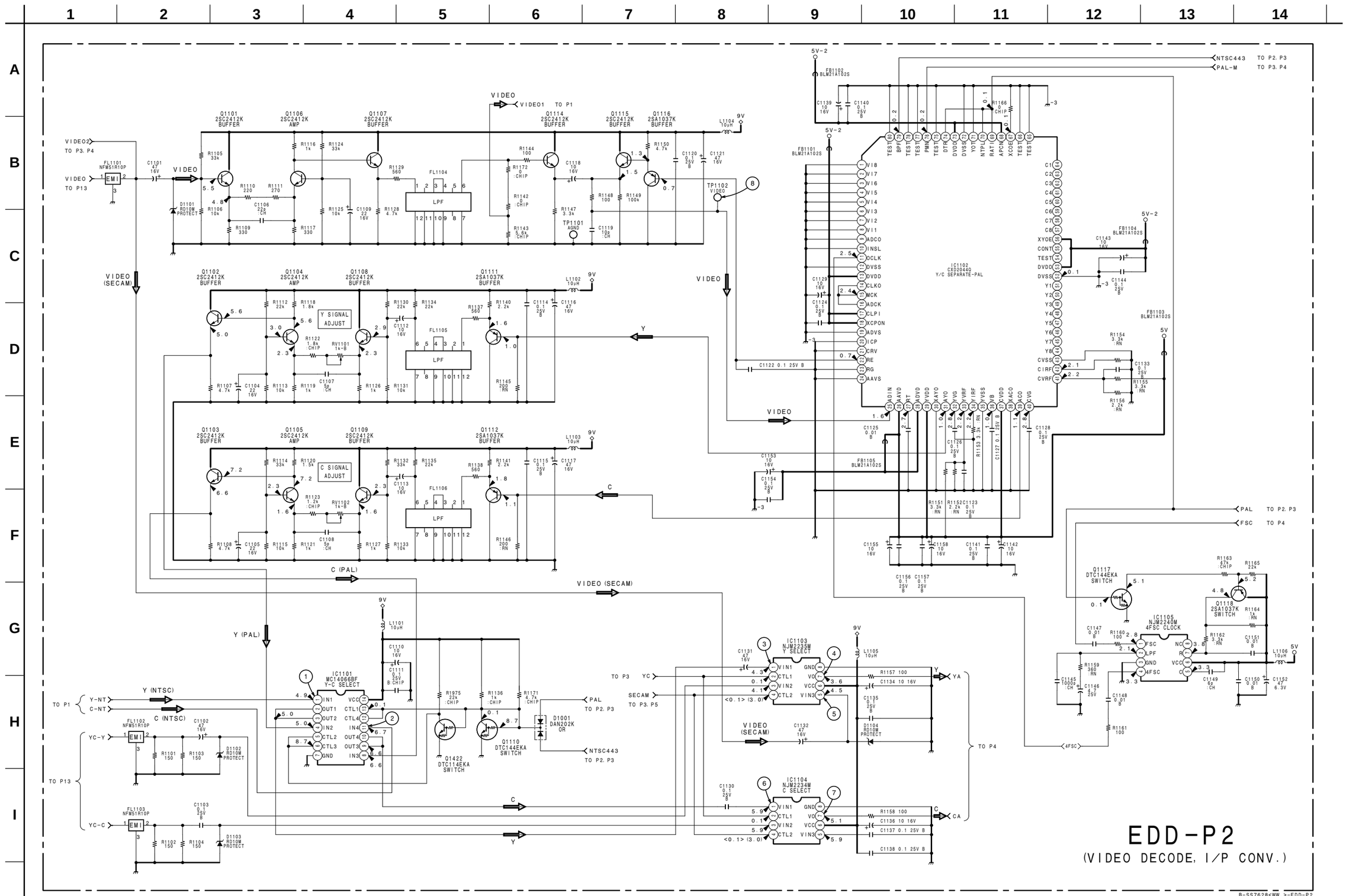


EDD-P1 BOARD IC1001 μPC659AGS

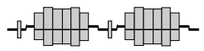
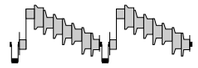
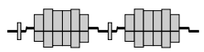
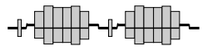
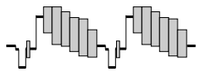


EDD-P1 BOARD IC1004 μPD64081GF

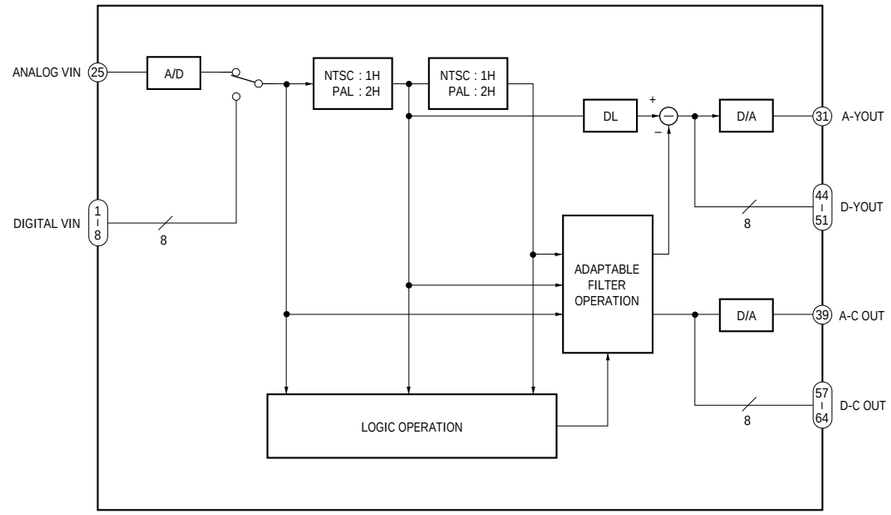


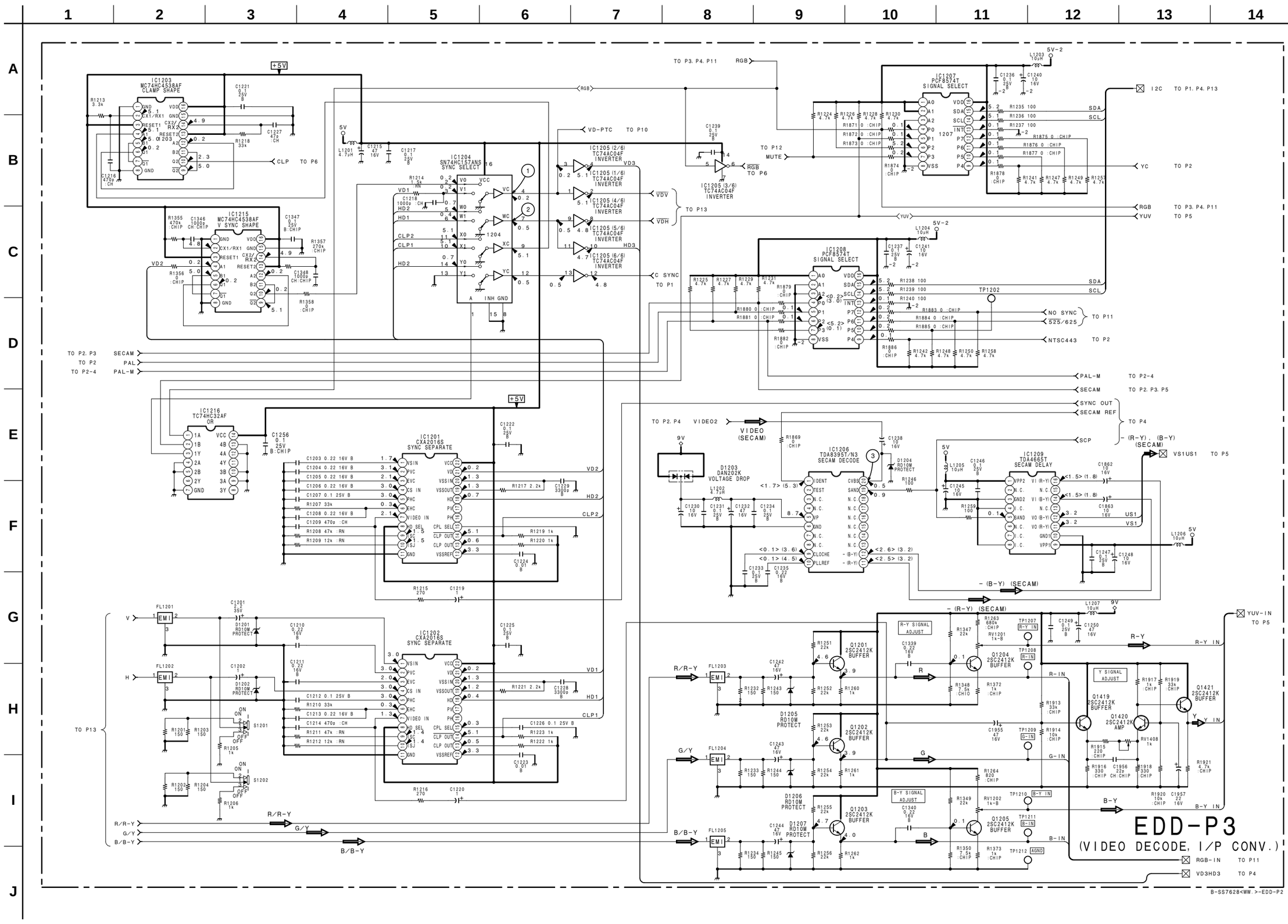

VIDEO
VIDEO1 TO P1
VIDEO2
TO P3. P4
VIDEO
TO P13
FL1101 NFM51R10P
EMI
C1101 47 16V
Q1101 2SC2412K BUFFER
Q1106 2SC2412K AMP
Q1107 2SC2412K BUFFER
Q1114 2SC2412K BUFFER
Q1115 2SC2412K BUFFER
Q1116 2SA1037K BUFFER
L1104 10μH
9V
D1101 RD10M PROTECT
R1105 33k
R1106 10k
R1109 330
R1110 220
R1111 270
R1116 1k
R1117 330
R1124 33k
R1125 10k
C1106 22p CH
C1109 22 16V
R1128 4.7k
R1129 560
FL1104
LPF
R1144 100
R1172 0 CHIP
R1142 0 CHIP
R1143 5.6k CHIP
C1118 10 16V
R1147 3.3k
TP1101 AGND
C1119 10p CH
R1148 100
R1149 100k
R1150 4.7k
C1120 0.1 25V B
C1121 47 16V
TP1102 VIDEO
8
VIDEO (SECAM)
Q1102 2SC2412K BUFFER
Q1104 2SC2412K AMP
Q1108 2SC2412K BUFFER
Q1111 2SA1037K BUFFER
L1102 10μH
Y SIGNAL ADJUST
R1112 22k
R1118 1.8k
R1122 1.8k CHIP
RV1101 1k-B
C1107 56p CH
R1107 4.7k
C1104 22 16V
R1113 10k
R1119 1k
R1126 1k
R1131 10k
R1130 22k
R1134 22k
C1112 10 16V
FL1105
R1137 560
R1140 2.2k
C1114 0.1 25V B
C1116 47 16V
R1145 200 RN
Y
Q1103 2SC2412K BUFFER
Q1105 2SC2412K AMP
Q1109 2SC2412K BUFFER
Q1112 2SA1037K BUFFER
L1103 10μH
C SIGNAL ADJUST
R1114 33k
R1120 1.5k
R1123 1.2k CHIP
RV1102 1k-B
C1108 56p CH
R1108 4.7k
C1105 22 16V
R1115 10k
R1121 1k
R1127 1k
R1133 10k
R1132 33k
R1135 22k
C1113 10 16V
FL1106
R1138 560
R1141 2.2k
C1115 0.1 25V B
C1117 47 16V
R1146 200 RN
C
C (PAL)
VIDEO (SECAM)
Y (PAL)
L1101 10μH
C1110 10 16V
C1111 0.1 25V B CHIP
IC1101 MC14066BF Y-C SELECT
R1975 22k CHIP
R1136 1k CHIP
R1171 4.7k CHIP
PAL
TO P2. P3
NTSC443
TO P2. P3
Q1422 DTC114EKA SWITCH
Q1110 DTC144EKA SWITCH
D1001 DAN202K OR
Y (NTSC)
TO P1
Y-NT
C-NT
C (NTSC)
C1102 47 16V
YC-Y
YC-C
FL1102 NFM51R10P
FL1103 NFM51R10P
R1101 150
R1103 150
R1102 150
R1104 150
D1102 RD10M PROTECT
D1103 RD10M PROTECT
C1103 0.1 25V B
TO P13
TO P3
YC
SECAM
TO P3. P5
IC1103 NJM2235M Y SELECT
C1131 47 16V
R1157 100
C1134 10 16V
C1135 0.1 25V B
D1104 RD10M PROTECT
C1132 47 16V
VIDEO (SECAM)
IC1104 NJM2234M C SELECT
C1130 0.1 25V B
R1158 100
C1136 10 16V
C1137 0.1 25V B
C1138 0.1 25V B
TO P4
YA
CA
5V-2
FB1102 BLM21A102S
C1139 10 16V
C1140 0.1 25V B
R1166 0 CHIP
FB1101 BLM21A102S
IC1102 CXD2044Q Y/C SEPARATE-PAL
C1129 10 16V
C1124 0.1 25V B
C1125 0.01 B
C1126 0.1 25V B
C1127 0.1 25V B
C1128 0.1 25V B
R1153 3.3k RN
R1151 3.3k RN
R1152 2.2k RN
C1123 0.1 25V B
FB1105 BLM21A102S
C1153 10 16V
C1154 0.1 25V B
C1155 10 16V
C1158 10 16V
C1141 0.1 25V B
C1142 10 16V
C1156 0.1 25V B
C1157 0.1 25V B
FB1104 BLM21A102S
C1143 10 16V
C1144 0.1 25V B
FB1103 BLM21A102S
5V
R1154 3.3k RN
R1155 3.3k RN
R1156 2.2k RN
C1133 0.1 25V B
NTSC443 TO P2. P3
PAL-M TO P3. P4
PAL TO P2. P3
FSC TO P4
Q1117 DTC144EKA SWITCH
Q1118 2SA1037K SWITCH
R1163 47k CHIP
R1165 22k
R1164 1k RN
IC1105 NJU2240M 4FSC CLOCK
R1162 3.3k RN
C1151 0.01 B
C1147 0.01 B
R1160 100
C1145 1000p CH
C1146 4.7 25V
C1148 0.01 B
C1149 6p CH
C1150 0.01 B
C1152 47 6.3V
R1159 360 RN
R1161 100
4FSC
EDD-P2
(VIDEO DECODE, I/P CONV.)
B-SS7628<WW.>-EDD-P2

• EDD-P2 BOARD WAVEFORMS

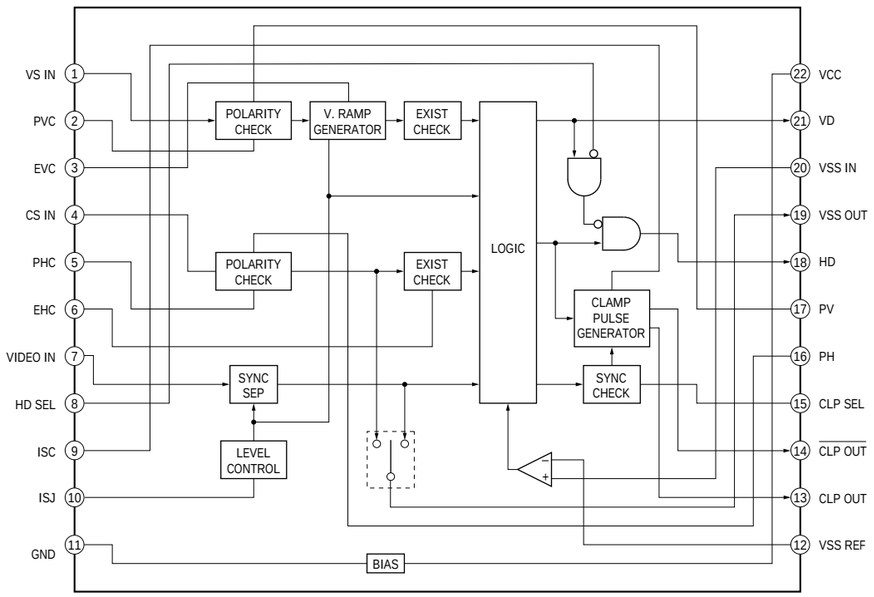
① 0.5 Vp-p (H)	②  0.5 Vp-p (H)
③ 0.8 Vp-p (H)	④ 0.8 Vp-p (H)
⑤  SECAM 1.1 Vp-p (H)	⑥  0.7 Vp-p (H)
⑦  0.7 Vp-p (H)	⑧  1.7 Vp-p (H)

EDD-P2 BOARD IC1102 CXD2044Q

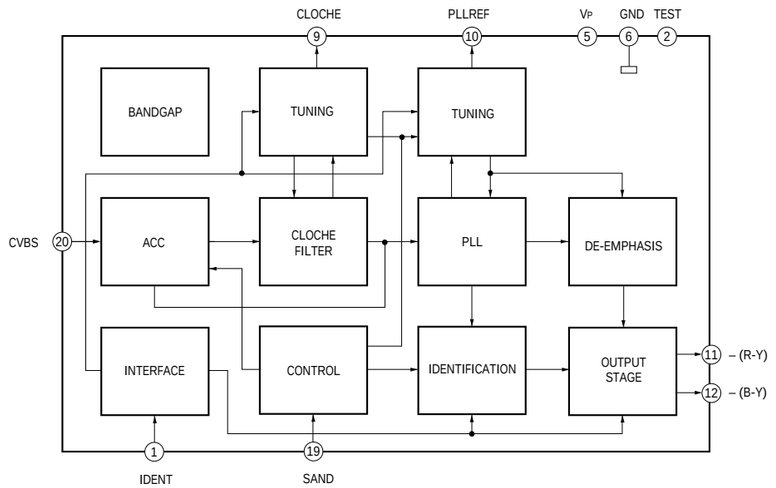



EDD-P3
(VIDEO DECODE, I/P CONV.)
B-SS7628<WW.>-EDD-P2

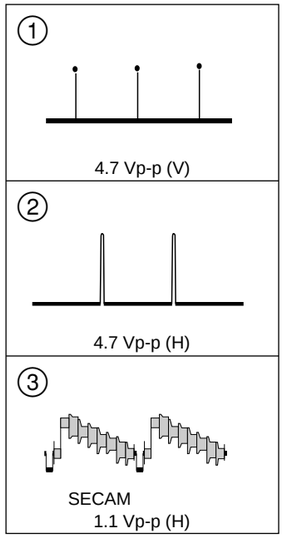
EDD-P3 BOARD IC1201, 1202 CXA2016S



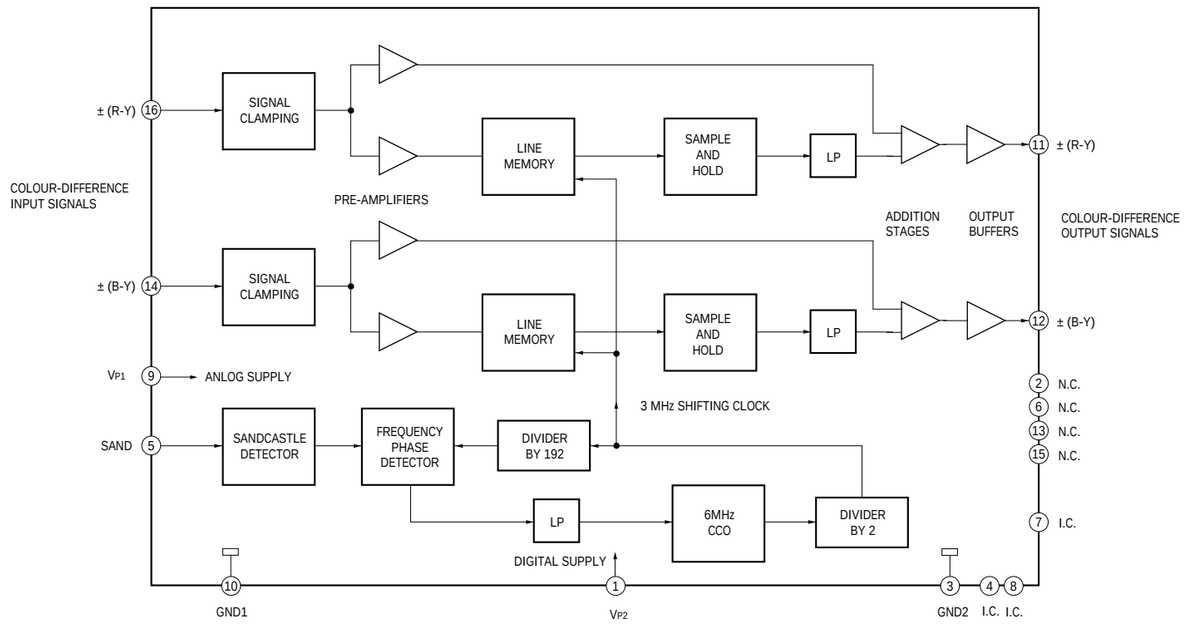
EDD-P3 BOARD IC1206 TDA8395T/N3

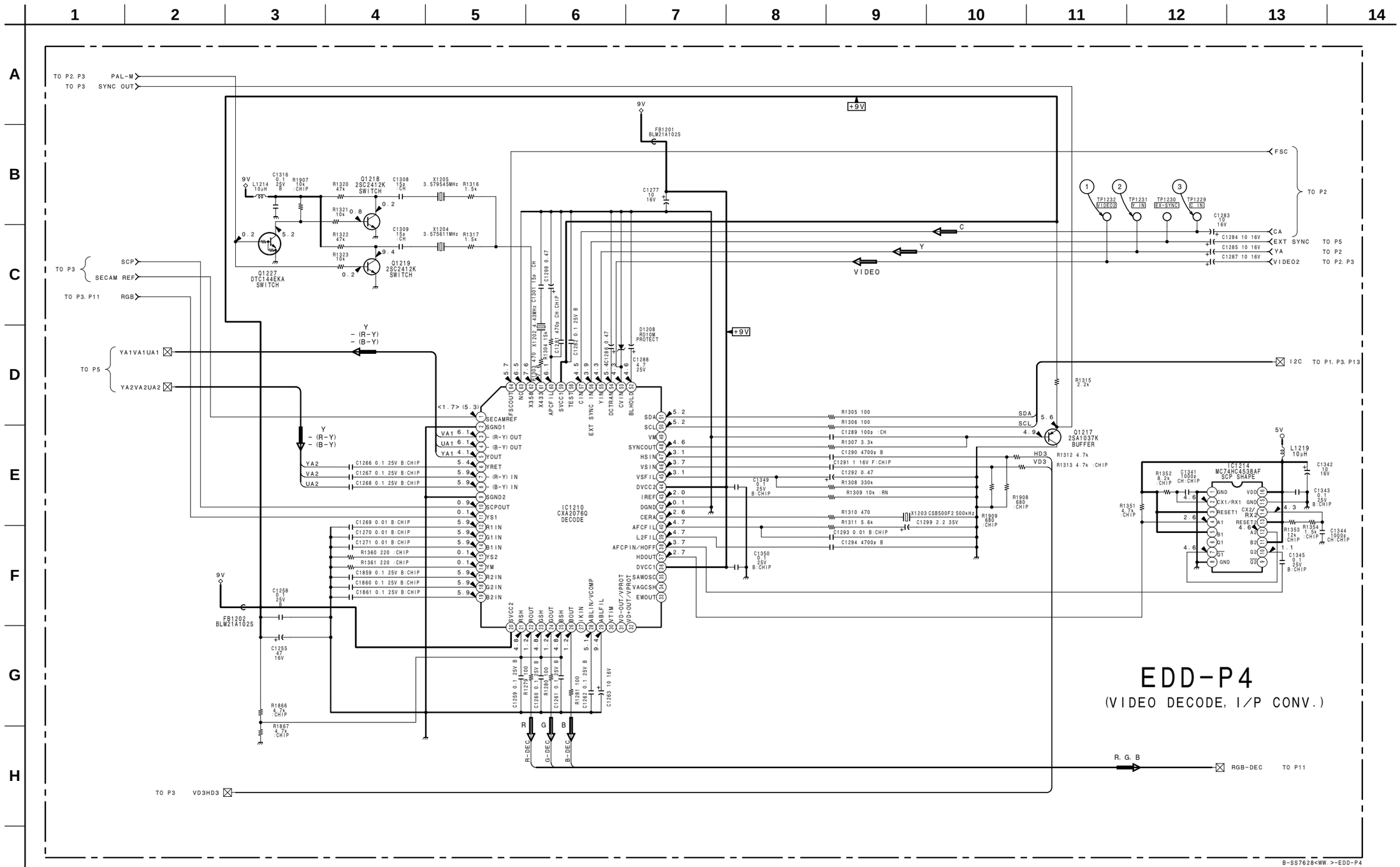


• EDD-P3 BOARD WAVEFORMS



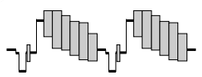
EDD-P3 BOARD IC1209 TDA4665T




EDD-P4
(VIDEO DECODE, I/P CONV.)
B-SS7628<WW.>-EDD-P4
IC1210 CXA2076Q DECODE
IC1214 MC74HC4538AF SCP SHAPE
Q1218 2SC2412K SWITCH
Q1219 2SC2412K SWITCH
Q1227 DTC144EKA SWITCH
Q1217 2SA1037K BUFFER
TO P2. P3 PAL-M
TO P3 SYNC OUT
TO P3 SCP
SECAM REF
TO P3. P11 RGB
TO P5 YA1VA1UA1
YA2VA2UA2
VIDEO
FSC
TO P2
EXT SYNC TO P5
YA TO P2
VIDEO2 TO P2. P3
I2C TO P1. P3. P13
R. G. B
RGB-DEC TO P11
TO P3 VD3HD3
R-DEC
G-DEC
B-DEC

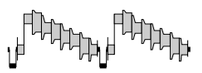
• EDD-P4 BOARD WAVEFORMS

①



NTSC
1.1 Vp-p (H)

①

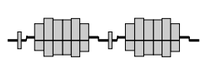


SECAM
1.2 Vp-p (H)

②

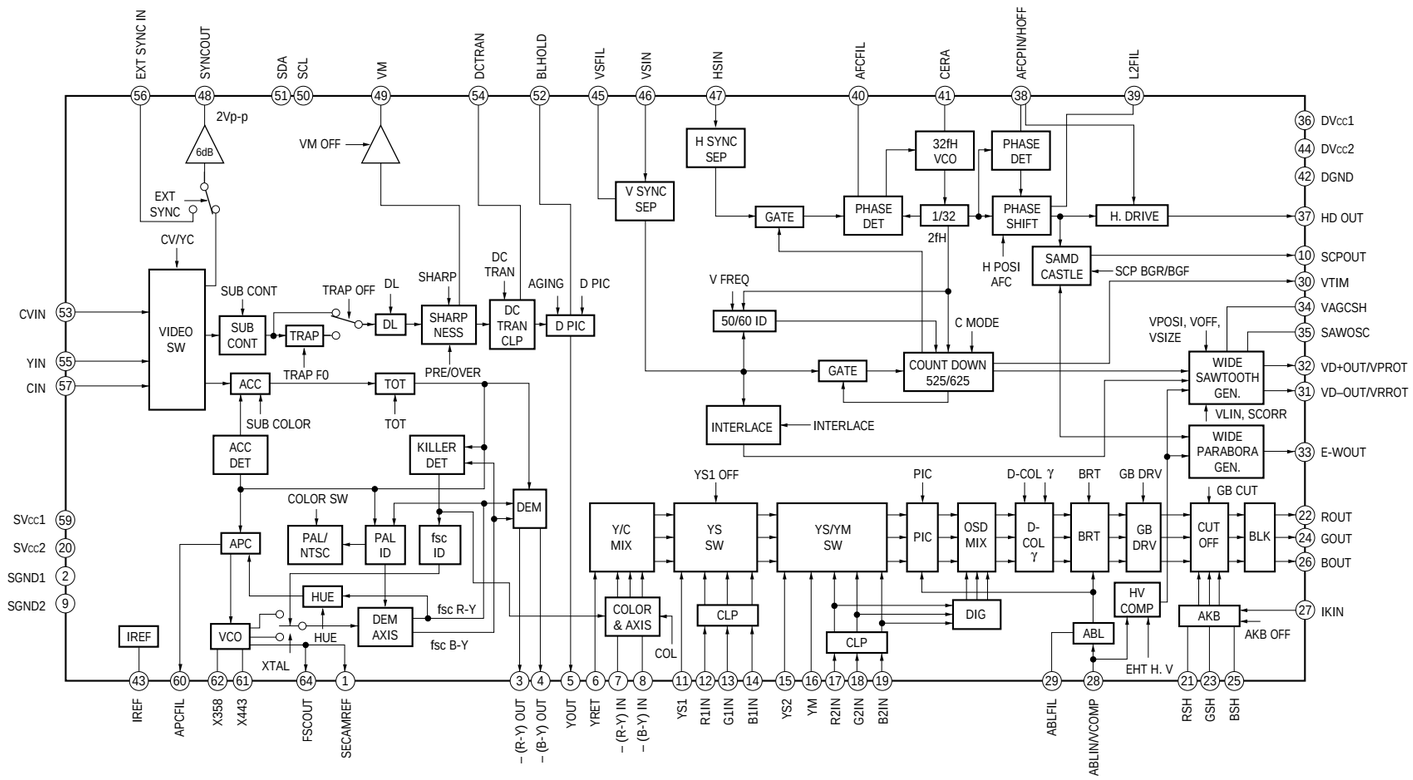
1.0 Vp-p (H)

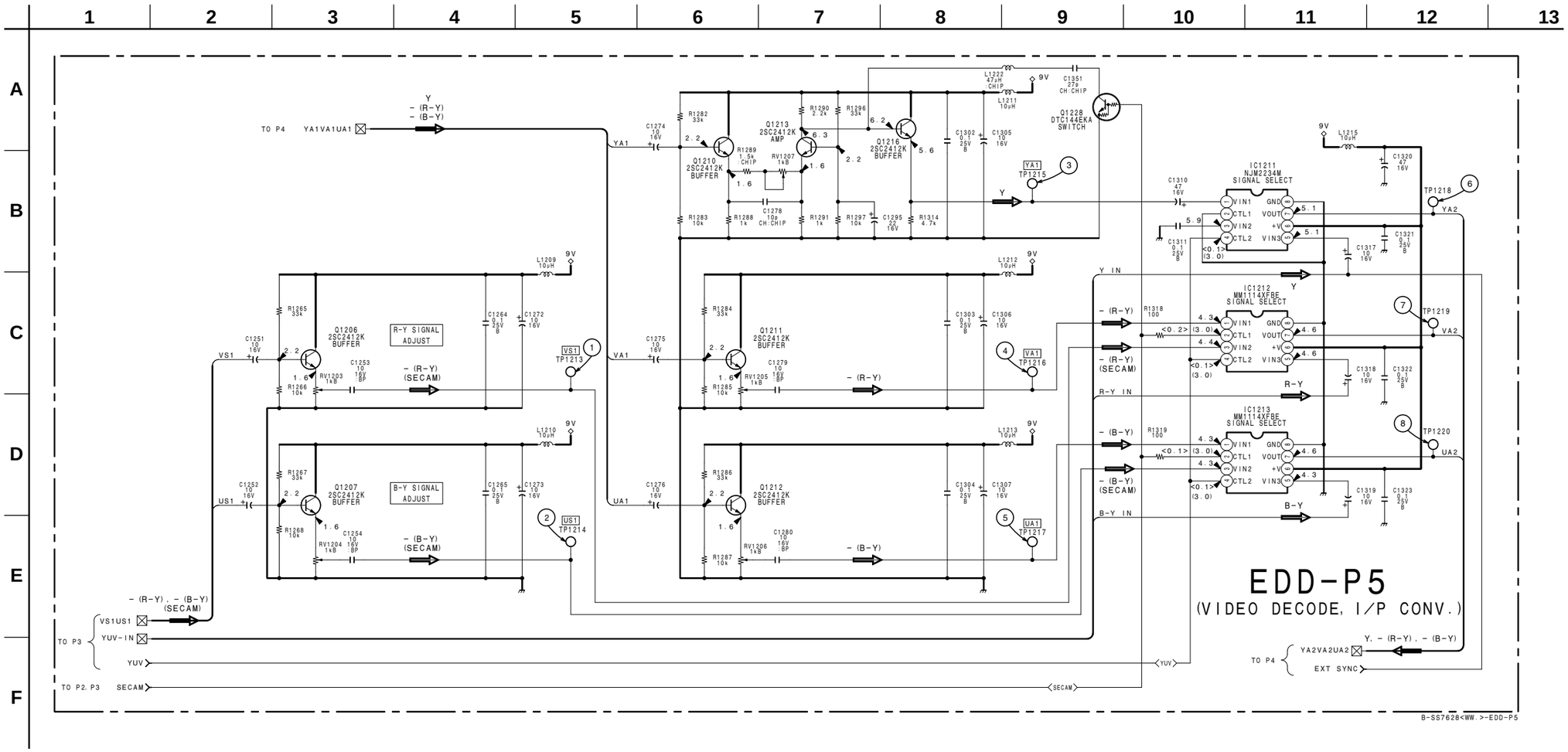
③



0.7 Vp-p (H)

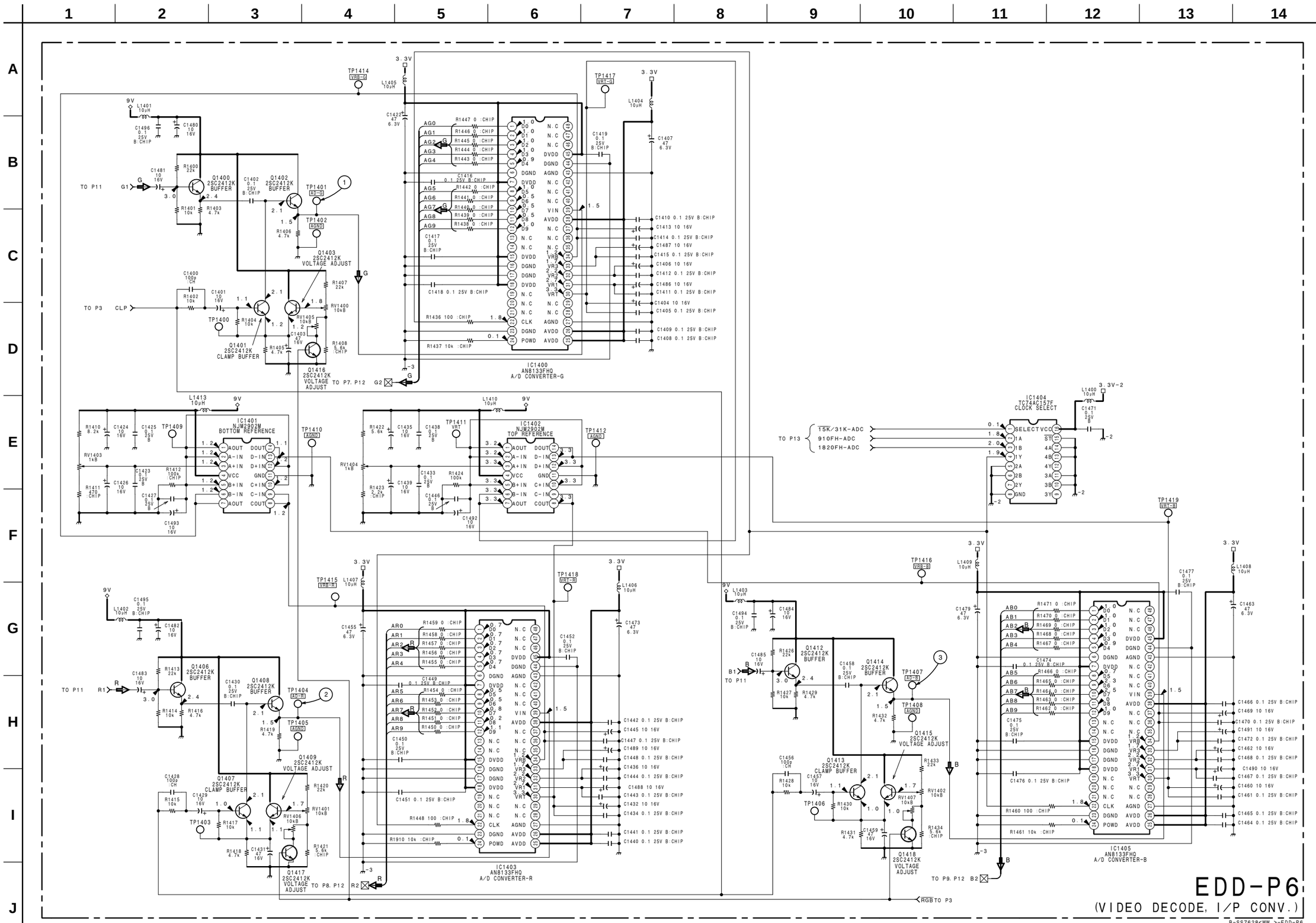
EDD-P4 BOARD IC1210 CXA2076Q



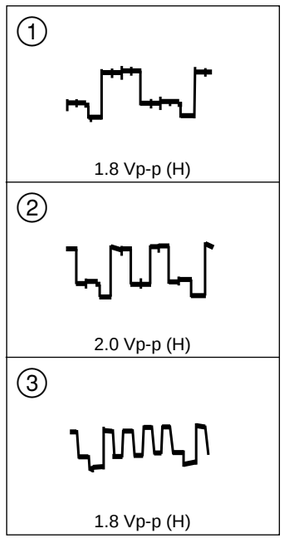


• EDD-P5 BOARD WAVEFORMS

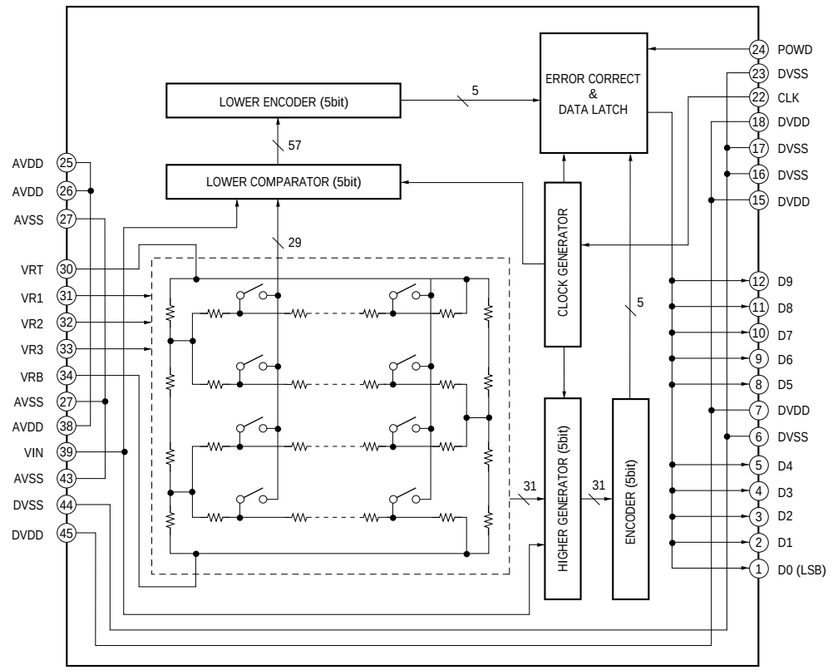
① SECAM 0.6 Vp-p (H)	② SECAM 0.7 Vp-p (H)	③ NTSC 0.9 Vp-p (H)	③ SECAM 1.0 Vp-p (H)	④ 0.5 Vp-p (H)
⑤ 0.7 Vp-p (H)	⑥ NTSC 0.8 Vp-p (H)	⑥ SECAM 0.9 Vp-p (H)	⑦ 1.0 Vp-p (H)	⑧ 1.3 Vp-p (H)

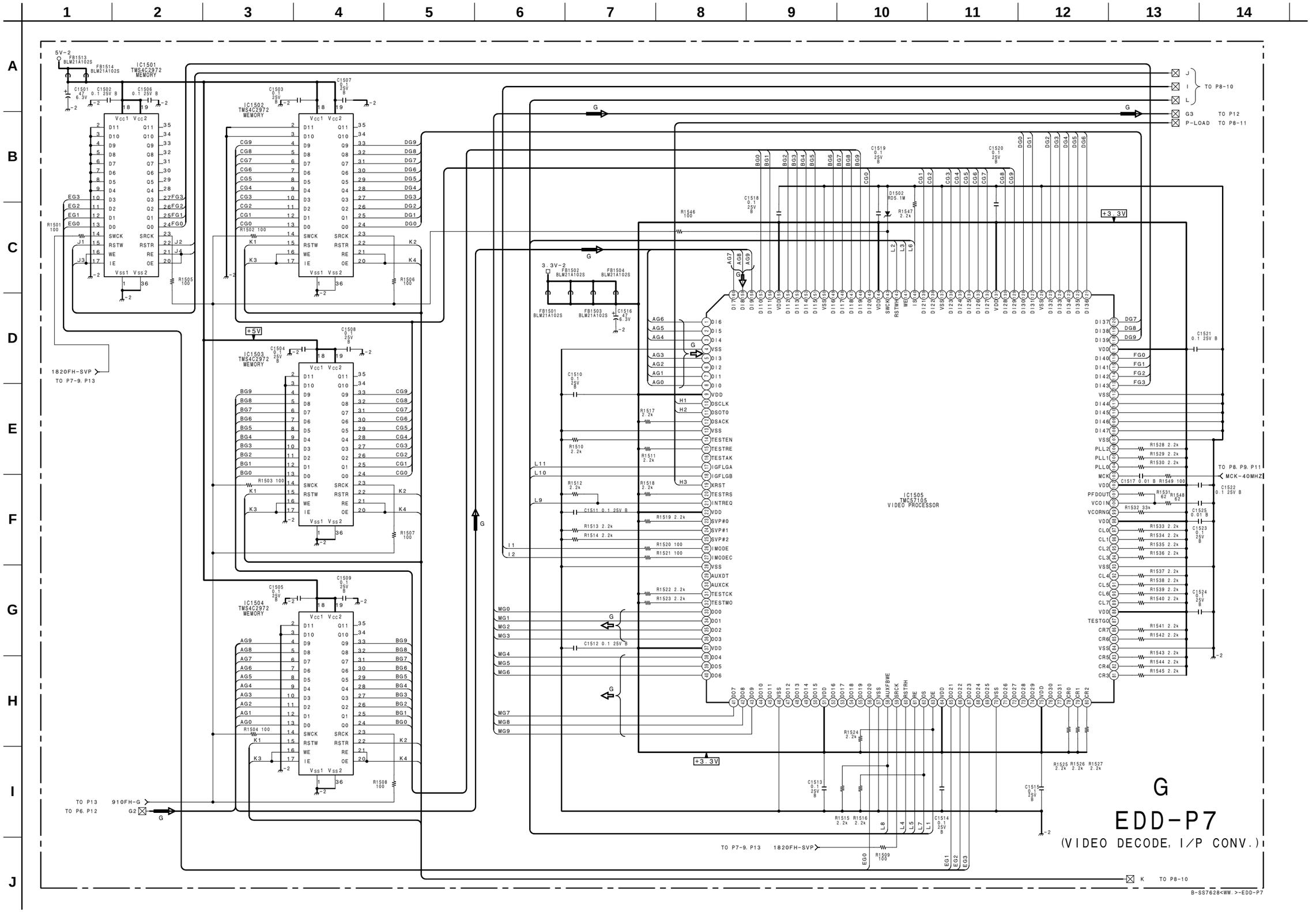

EDD-P6
(VIDEO DECODE, I/P CONV.)
B-SS7628<WW.>-EDD-P6
IC1400 AN8133FHQ A/D CONVERTER-G
IC1401 NJM2902M BOTTOM REFERENCE
IC1402 NJM2902M TOP REFERENCE
IC1403 AN8133FHQ A/D CONVERTER-R
IC1404 TC74AC157F CLOCK SELECT
IC1405 AN8133FHQ A/D CONVERTER-B
Q1400 2SC2412K BUFFER
Q1401 2SC2412K CLAMP BUFFER
Q1402 2SC2412K BUFFER
Q1403 2SC2412K VOLTAGE ADJUST
Q1406 2SC2412K BUFFER
Q1407 2SC2412K CLAMP BUFFER
Q1408 2SC2412K BUFFER
Q1409 2SC2412K VOLTAGE ADJUST
Q1412 2SC2412K BUFFER
Q1413 2SC2412K CLAMP BUFFER
Q1414 2SC2412K BUFFER
Q1415 2SC2412K VOLTAGE ADJUST
Q1416 2SC2412K VOLTAGE ADJUST
Q1417 2SC2412K VOLTAGE ADJUST
Q1418 2SC2412K VOLTAGE ADJUST
TO P11
TO P3
TO P7, P12
TO P8, P12
TO P9, P12
TO P13
RGB TO P3
15K/31K-ADC
910FH-ADC
1820FH-ADC
CLP
3.3V
9V
3.3V-2

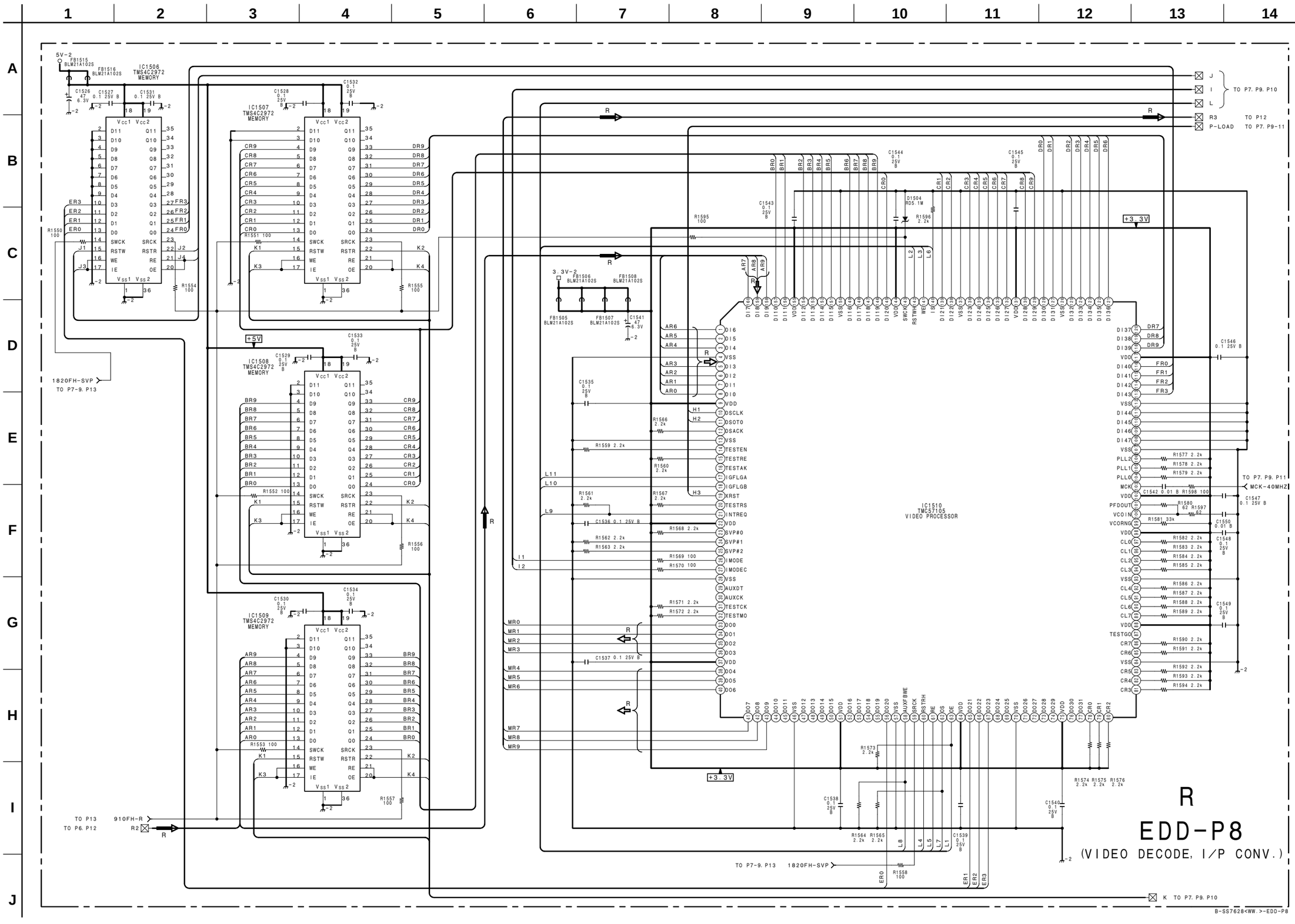
• EDD-P6 BOARD WAVEFORMS



EDD-P6 BOARD IC1400, 1403, 1405 AN8133FHQ




1 2 3 4 5 6 7 8 9 10 11 12 13 14
A B C D E F G H I J
IC1501 TMS4C2972 MEMORY
IC1502 TMS4C2972 MEMORY
IC1503 TMS4C2972 MEMORY
IC1504 TMS4C2972 MEMORY
IC1505 TMC57105 VIDEO PROCESSOR
5V-2
+5V
3.3V-2
+3.3V
1820FH-SVP
TO P7-9, P13
TO P8-10
TO P12
P-LOAD
TO P8-11
TO P8, P9, P11
MCK-40MHZ
910FH-G
TO P13
TO P6, P12
TO P7-9, P13
K
TO P8-10
G
G
EDD-P7
(VIDEO DECODE, I/P CONV.)
B-SS7628<WW.>-EDD-P7


1 2 3 4 5 6 7 8 9 10 11 12 13 14
A B C D E F G H I J
5V-2
FB1515 BLM21A102S
FB1516 BLM21A102S
IC1506 TMS4C2972 MEMORY
C1526 47 6.3V
C1527 0.1 25V B
C1531 0.1 25V B
C1528 0.1 25V B
C1532 0.1 25V B
IC1507 TMS4C2972 MEMORY
IC1508 TMS4C2972 MEMORY
IC1509 TMS4C2972 MEMORY
C1529 0.1 25V B
C1533 0.1 25V B
C1530 0.1 25V B
C1534 0.1 25V B
Vcc1 Vcc2
D11 D10 D9 D8 D7 D6 D5 D4 D3 D2 D1 D0
Q11 Q10 Q9 Q8 Q7 Q6 Q5 Q4 Q3 Q2 Q1 Q0
SWCK SRCK RSTW RSTR WE RE IE OE
Vss1 Vss2
ER3 ER2 ER1 ER0
FR3 FR2 FR1 FR0
CR9 CR8 CR7 CR6 CR5 CR4 CR3 CR2 CR1 CR0
DR9 DR8 DR7 DR6 DR5 DR4 DR3 DR2 DR1 DR0
BR9 BR8 BR7 BR6 BR5 BR4 BR3 BR2 BR1 BR0
AR9 AR8 AR7 AR6 AR5 AR4 AR3 AR2 AR1 AR0
R1550 100
R1551 100
R1552 100
R1553 100
R1554 100
R1555 100
R1556 100
R1557 100
K1 K2 K3 K4
J1 J2 J3 J4
+5V
1820FH-SVP
TO P7-9. P13
910FH-R
TO P13
TO P6. P12
R2
R
3.3V-2
FB1505 BLM21A102S
FB1506 BLM21A102S
FB1507 BLM21A102S
FB1508 BLM21A102S
C1541 47 6.3V
C1535 0.1 25V B
C1536 0.1 25V B
C1537 0.1 25V B
C1538 0.1 25V B
C1539 0.1 25V B
C1540 0.1 25V B
C1542 0.01 B
C1543 0.1 25V B
C1544 0.1 25V B
C1545 0.1 25V B
C1546 0.1 25V B
C1547 0.1 25V B
C1548 0.1 25V B
C1549 0.1 25V B
C1550 0.01 B
D1504 RD5.1M
R1559 2.2k
R1560 2.2k
R1561 2.2k
R1562 2.2k
R1563 2.2k
R1564 2.2k
R1565 2.2k
R1566 2.2k
R1567 2.2k
R1568 2.2k
R1569 100
R1570 100
R1571 2.2k
R1572 2.2k
R1573 2.2k
R1574 2.2k
R1575 2.2k
R1576 2.2k
R1577 2.2k
R1578 2.2k
R1579 2.2k
R1580 62
R1581 33k
R1582 2.2k
R1583 2.2k
R1584 2.2k
R1585 2.2k
R1586 2.2k
R1587 2.2k
R1588 2.2k
R1589 2.2k
R1590 2.2k
R1591 2.2k
R1592 2.2k
R1593 2.2k
R1594 2.2k
R1595 100
R1596 2.2k
R1597 62
R1598 100
L1 L2 L3 L4 L5 L6 L7 L8 L9 L10 L11
H1 H2 H3
I1 I2
MR0 MR1 MR2 MR3 MR4 MR5 MR6 MR7 MR8 MR9
+3.3V
IC1510 TMC57105 VIDEO PROCESSOR
DI0 DI1 DI2 DI3 DI4 DI5 DI6 DI7 DI8 DI9 DI10 DI11 DI12 DI13 DI14 DI15 DI16 DI17 DI18 DI19 DI20 DI21 DI22 DI23 DI24 DI25 DI26 DI27 DI28 DI29 DI30 DI31 DI32 DI33 DI34 DI35 DI36 DI37 DI38 DI39 DI40 DI41 DI42 DI43 DI44 DI45 DI46 DI47
DO0 DO1 DO2 DO3 DO4 DO5 DO6 DO7 DO8 DO9 DO10 DO11 DO12 DO13 DO14 DO15 DO16 DO17 DO18 DO19 DO20 DO21 DO22 DO23 DO24 DO25 DO26 DO27 DO28 DO29 DO30 DO31
VDD VSS
DSCLK DSOTO DSACK DSTEN TESTRE TESTAK IGFLGA IGFLGB XRST TESTRS INTREQ SVP#0 SVP#1 SVP#2 IMODE IMODEC AUXDT AUXCK TESTCK TESTMO TESTGO
AUXFBWE SRCK RSTRH RE OE
PLL2 PLL1 PLL0 MCK PFDOUT VCOIN VCORNG CL0 CL1 CL2 CL3 CL4 CL5 CL6 CL7 CR7 CR6 CR5 CR4 CR3
J
I
L
R3
P-LOAD
TO P7. P9. P10
TO P12
TO P7. P9-11
TO P7. P9. P11
MCK-40MHZ
K TO P7. P9. P10
TO P7-9. P13 1820FH-SVP
R
EDD-P8
(VIDEO DECODE, I/P CONV.)
B-SS7628<WW.>-EDD-P8

1 2 3 4 5 6 7 8 9 10 11 12 13 14

A B C D E F G H I J

B
EDD-P9
(VIDEO DECODE, I/P CONV.)

IC1511 TMS4C2972 MEMORY
IC1512 TMS4C2972 MEMORY
IC1513 TMS4C2972 MEMORY
IC1514 TMS4C2972 MEMORY
IC1515 TMC57105 VIDEO PROCESSOR

5V-2
+5V
+3.3V
3.3V-2

1820FH-SVP
TO P7-9, P13

TO P13 910FH-B
TO P6, P12 B2

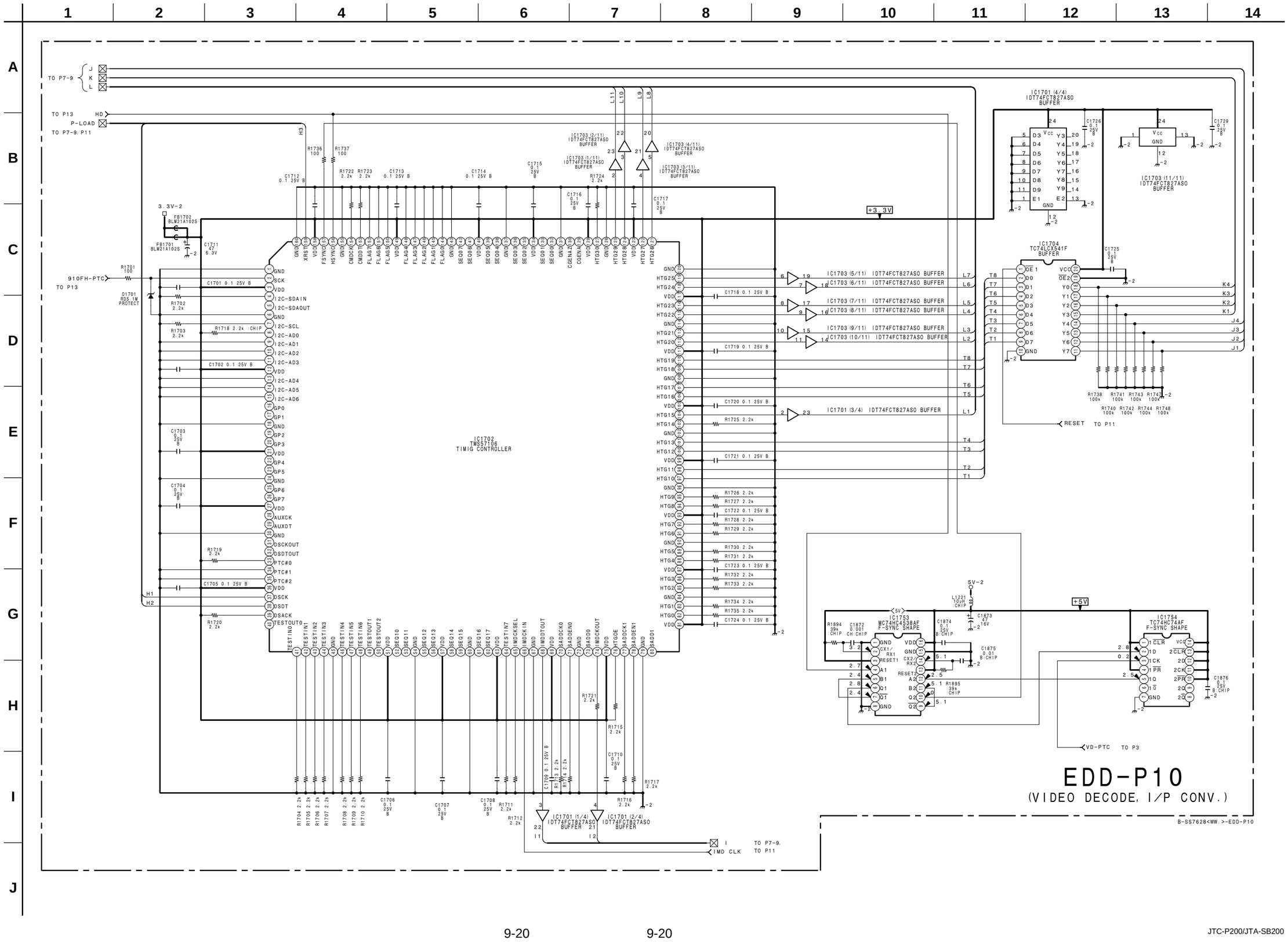
TO P7, P8, P10 J I L
TO P12 B3
P-LOAD
TO P7, P8, P10, P11

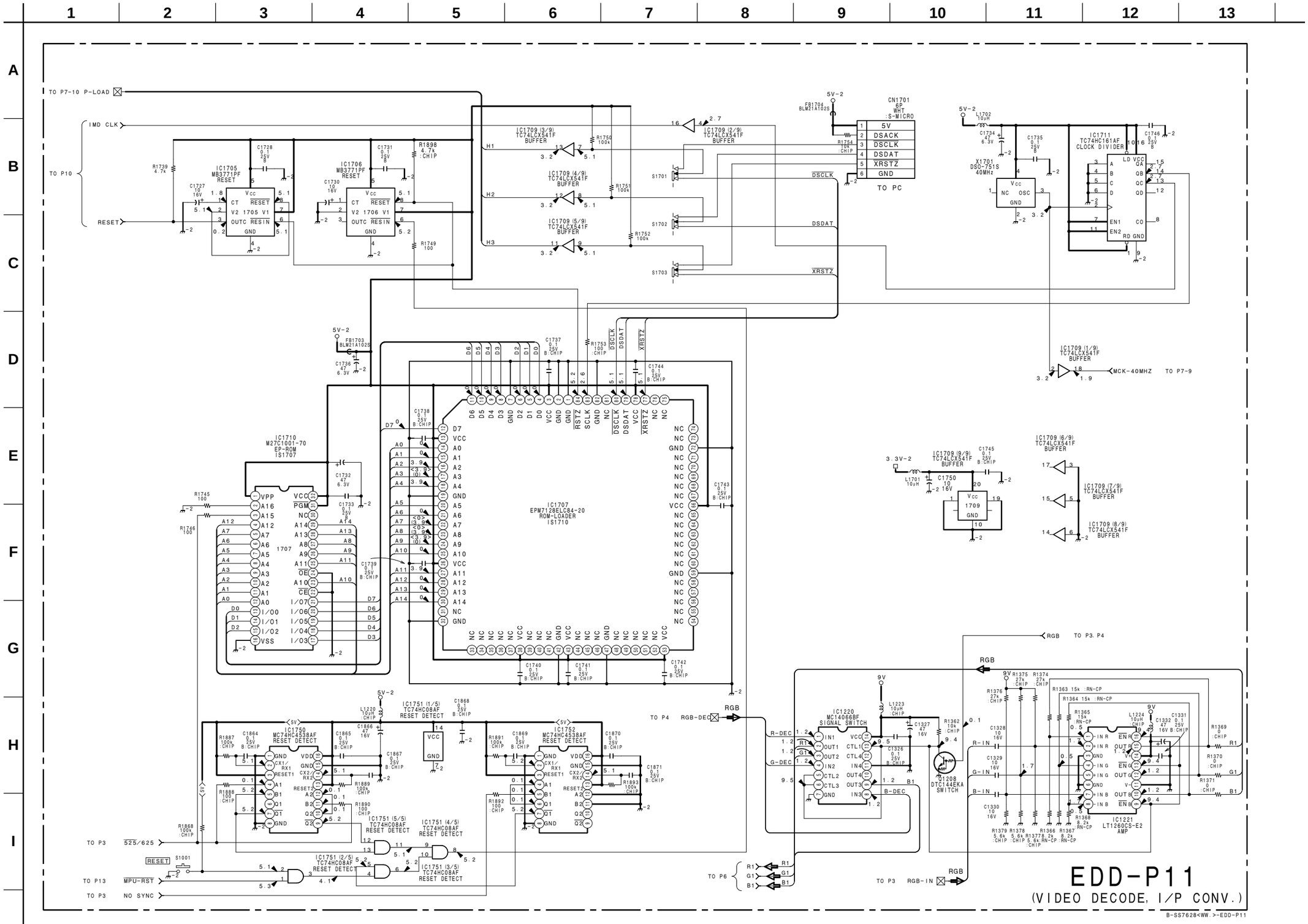
TO P7, P8, P11 MCK-40MHZ

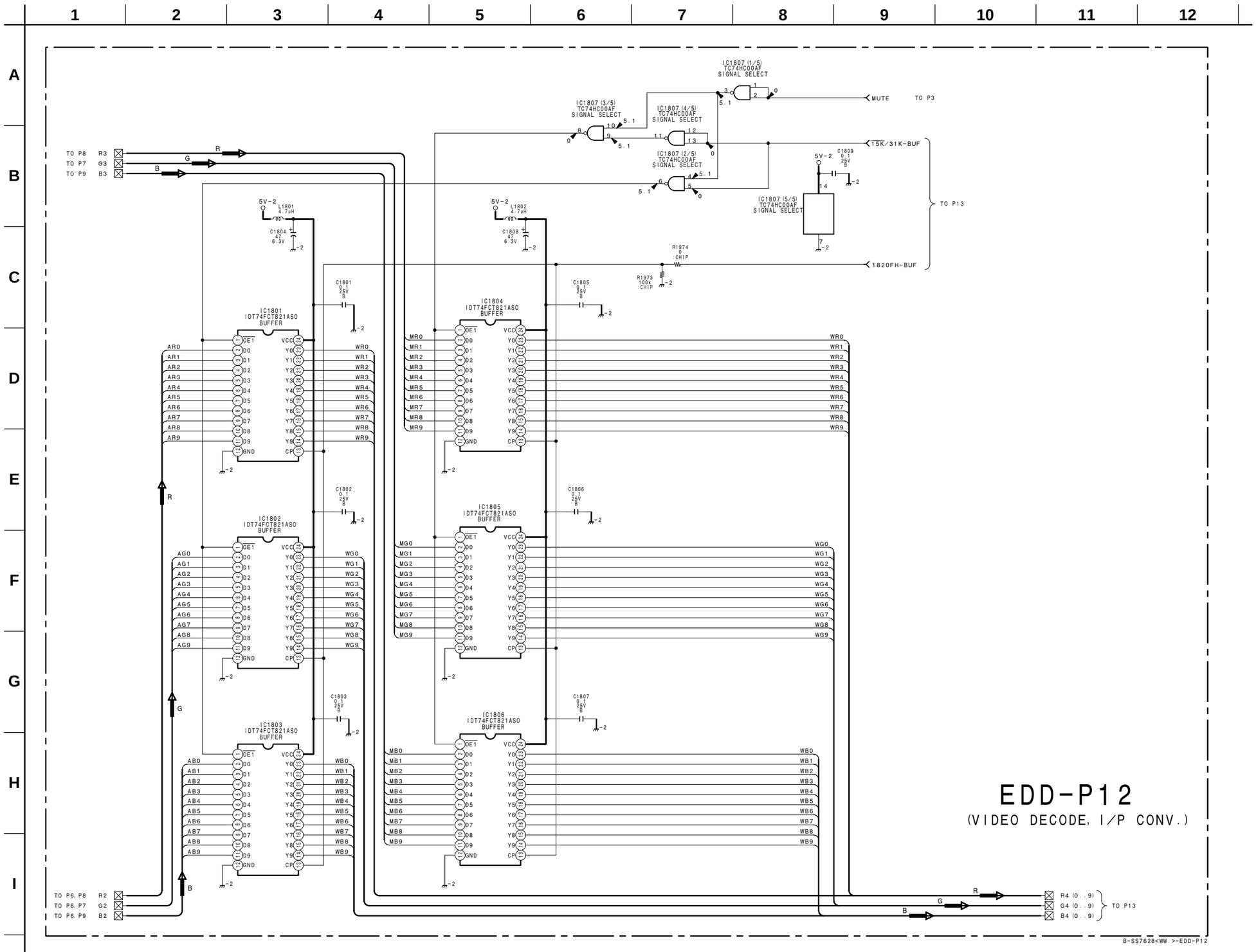
TO P7-9, P13 1820FH-SVP

K TO P7, P8, P10

B-SS7628<WW.>-EDD-P9


IC1702
TMS57106
TIMG CONTROLLER
IC1701 (1/4) IDT74FCT827ASO BUFFER
IC1701 (2/4) IDT74FCT827ASO BUFFER
IC1701 (3/4) IDT74FCT827ASO BUFFER
IC1701 (4/4) IDT74FCT827ASO BUFFER
IC1703 (1/11) IDT74FCT827ASO BUFFER
IC1703 (2/11) IDT74FCT827ASO BUFFER
IC1703 (3/11) IDT74FCT827ASO BUFFER
IC1703 (4/11) IDT74FCT827ASO BUFFER
IC1703 (5/11) IDT74FCT827ASO BUFFER
IC1703 (6/11) IDT74FCT827ASO BUFFER
IC1703 (7/11) IDT74FCT827ASO BUFFER
IC1703 (8/11) IDT74FCT827ASO BUFFER
IC1703 (9/11) IDT74FCT827ASO BUFFER
IC1703 (10/11) IDT74FCT827ASO BUFFER
IC1703 (11/11) IDT74FCT827ASO BUFFER
IC1704 TC74LCX541F BUFFER
IC1753 MC74HC4538AF F-SYNC SHAPE
IC1754 TC74HC74AF F-SYNC SHAPE
TO P7-9
TO P13
TO P7-9, P11
910FH-PTC
RESET TO P11
VD-PTC TO P3
I TO P7-9,
IMD CLK TO P11
+3.3V
+5V
3.3V-2
5V-2
EDD-P10
(VIDEO DECODE, I/P CONV.)
B-SS7628<WW.>-EDD-P10


TO P7-10 P-LOAD
IMD CLK
TO P10
RESET
IC1705 MB3771PF RESET
IC1706 MB3771PF RESET
IC1709 (3/9) TC74LCX541F BUFFER
IC1709 (4/9) TC74LCX541F BUFFER
IC1709 (5/9) TC74LCX541F BUFFER
IC1709 (2/9) TC74LCX541F BUFFER
H1
H2
H3
S1701
S1702
S1703
DSCLK
DSDAT
XRSTZ
CN1701 6P WHT :S-MICRO
5V
DSACK
DSCLK
DSDAT
XRSTZ
GND
TO PC
IC1711 TC74HC161AF CLOCK DIVIDER
X1701 DSO-751S 40MHz
IC1709 (1/9) TC74LCX541F BUFFER
MCK-40MHZ
TO P7-9
IC1710 M27C1001-70 EP-ROM IS1707
IC1707 EPM7128ELC84-20 ROM-LOADER IS1710
IC1709 (9/9) TC74LCX541F BUFFER
IC1709 (6/9) TC74LCX541F BUFFER
IC1709 (7/9) TC74LCX541F BUFFER
IC1709 (8/9) TC74LCX541F BUFFER
IC1750 MC74HC4538AF RESET DETECT
IC1752 MC74HC4538AF RESET DETECT
IC1751 (1/5) TC74HC08AF RESET DETECT
IC1751 (5/5) TC74HC08AF RESET DETECT
IC1751 (4/5) TC74HC08AF RESET DETECT
IC1751 (2/5) TC74HC08AF RESET DETECT
IC1751 (3/5) TC74HC08AF RESET DETECT
TO P3 525/625
RESET
S1001
TO P13 MPU-RST
TO P3 NO SYNC
TO P4 RGB-DEC
IC1220 MC14066BF SIGNAL SWITCH
R-DEC
G-DEC
B-DEC
Q1208 DTC144EKA SWITCH
TO P6
RGB
TO P3. P4
RGB-IN
IC1221 LT1260CS-E2 AMP
EDD-P11
(VIDEO DECODE, I/P CONV.)
B-SS7628<WW.>-EDD-P11


1 2 3 4 5 6 7 8 9 10 11 12
A B C D E F G H I
IC1807 (1/5) TC74HC00AF SIGNAL SELECT
IC1807 (3/5) TC74HC00AF SIGNAL SELECT
IC1807 (4/5) TC74HC00AF SIGNAL SELECT
IC1807 (2/5) TC74HC00AF SIGNAL SELECT
IC1807 (5/5) TC74HC00AF SIGNAL SELECT
MUTE
TO P3
T5K/31K-BUF
1820FH-BUF
TO P13
TO P8 R3
TO P7 G3
TO P9 B3
R
G
B
5V-2
L1801 4.7μH
L1802 4.7μH
C1804 47 6.3V
C1808 47 6.3V
C1809 0.1 25V B
R1974 0 :CHIP
R1973 100k :CHIP
C1801 0.1 25V B
C1805 0.1 25V B
IC1801 IDT74FCT821ASO BUFFER
IC1804 IDT74FCT821ASO BUFFER
AR0 AR1 AR2 AR3 AR4 AR5 AR6 AR7 AR8 AR9
WR0 WR1 WR2 WR3 WR4 WR5 WR6 WR7 WR8 WR9
MR0 MR1 MR2 MR3 MR4 MR5 MR6 MR7 MR8 MR9
C1802 0.1 25V B
C1806 0.1 25V B
IC1802 IDT74FCT821ASO BUFFER
IC1805 IDT74FCT821ASO BUFFER
AG0 AG1 AG2 AG3 AG4 AG5 AG6 AG7 AG8 AG9
WG0 WG1 WG2 WG3 WG4 WG5 WG6 WG7 WG8 WG9
MG0 MG1 MG2 MG3 MG4 MG5 MG6 MG7 MG8 MG9
C1803 0.1 25V B
C1807 0.1 25V B
IC1803 IDT74FCT821ASO BUFFER
IC1806 IDT74FCT821ASO BUFFER
AB0 AB1 AB2 AB3 AB4 AB5 AB6 AB7 AB8 AB9
WB0 WB1 WB2 WB3 WB4 WB5 WB6 WB7 WB8 WB9
MB0 MB1 MB2 MB3 MB4 MB5 MB6 MB7 MB8 MB9
OET D0 D1 D2 D3 D4 D5 D6 D7 D8 D9 GND
Y0 Y1 Y2 Y3 Y4 Y5 Y6 Y7 Y8 Y9 CP
TO P6. P8 R2
TO P6. P7 G2
TO P6. P9 B2
R4 (0..9)
G4 (0..9)
B4 (0..9)
TO P13
B-SS7628<WW.>-EDD-P12

EDD-P12

(VIDEO DECODE, I/P CONV.)

• EDD-P13 BOARD WAVEFORMS

① NTSC
1.0 Vp-p (H)

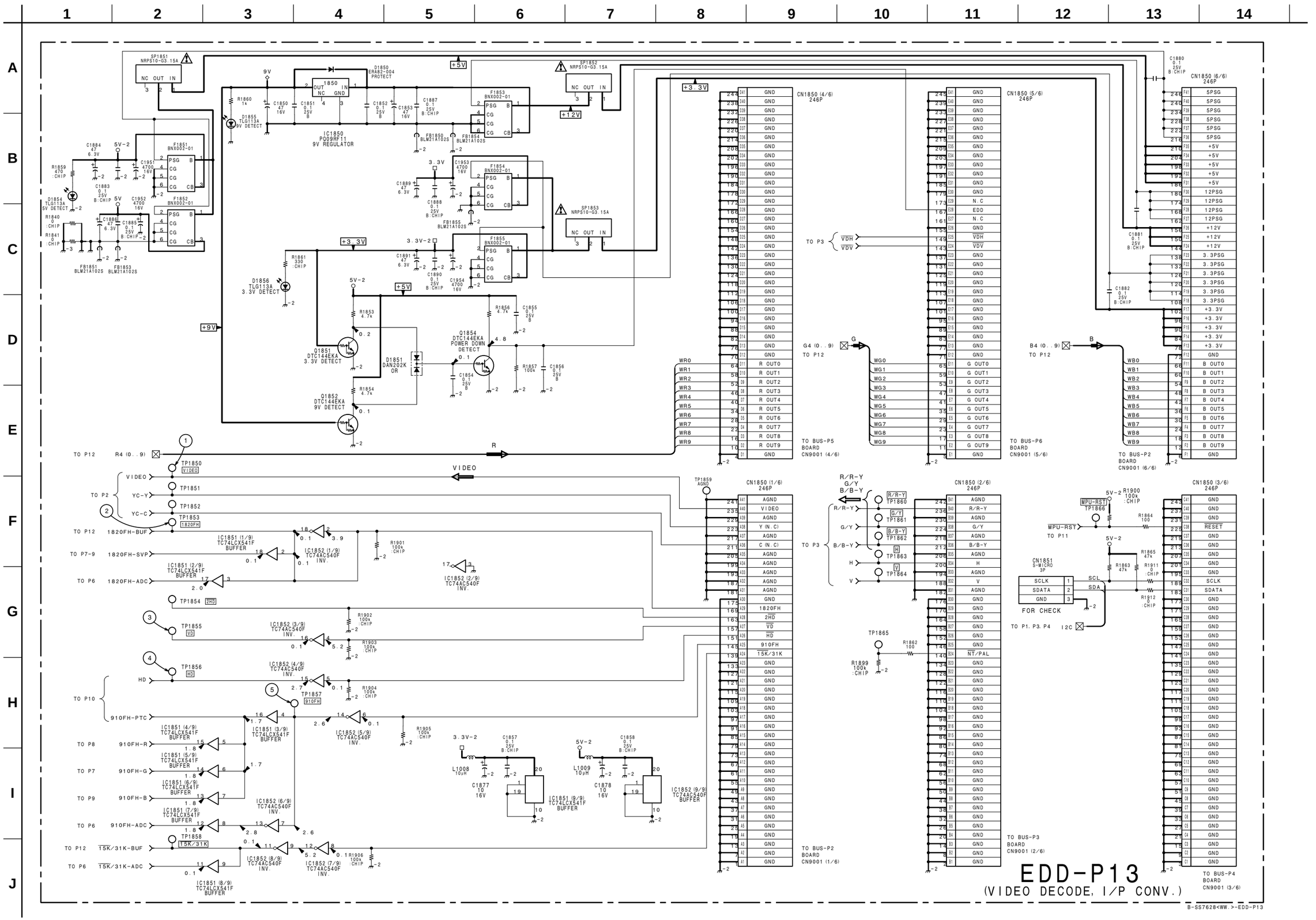
① SECAM
1.1 Vp-p (H)

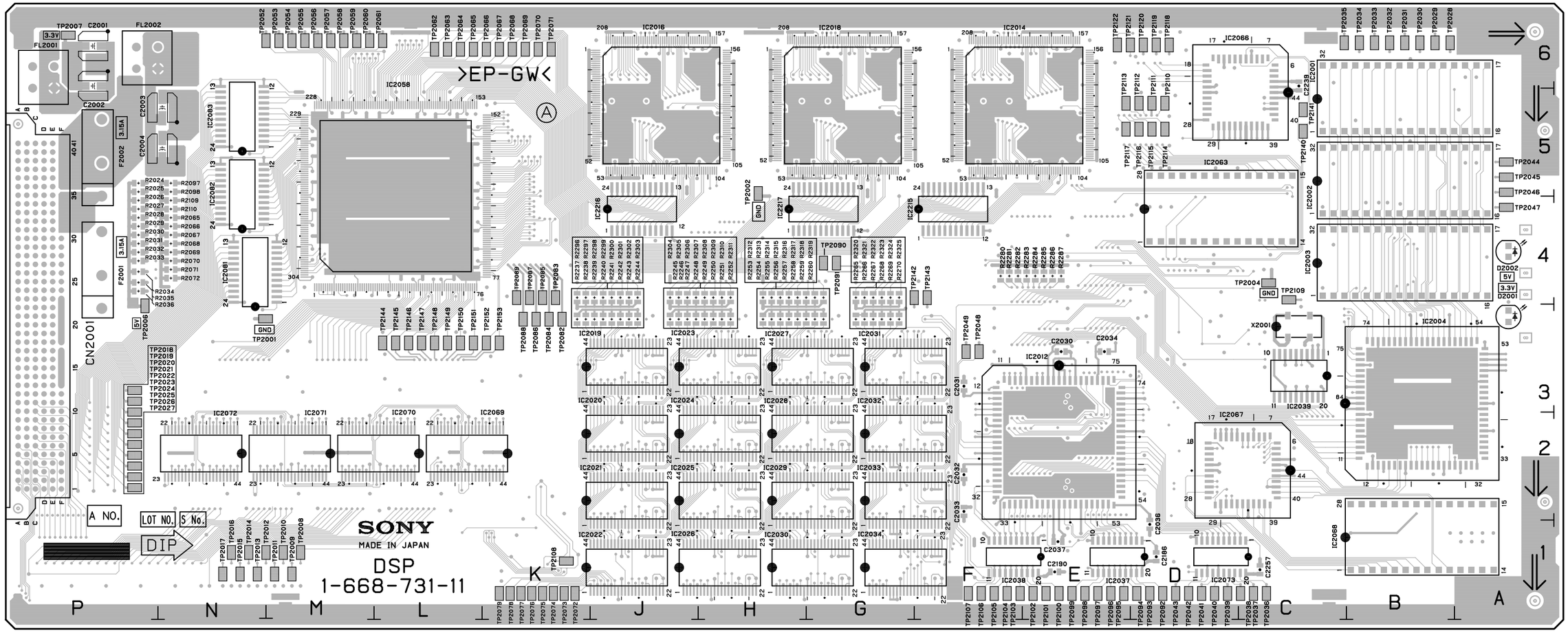
② S
2.7 Vp-p (34.5 nsec)

③
4.8 Vp-p (V)

④
4.8 Vp-p (H)

⑤ S
5.0 Vp-p (70.3 nsec)


EDD-P13
(VIDEO DECODE, I/P CONV.)
B-SS7628<WW.>-EDD-P13
IC1850 PQ09RF11 9V REGULATOR
Q1851 DTC144EKA 3.3V DETECT
Q1852 DTC144EKA 9V DETECT
Q1854 DTC144EKA POWER DOWN DETECT
D1851 DAN202K OR
D1855 TLG113A 9V DETECT
D1856 TLG113A 3.3V DETECT
D1854 TLG113A 5V DETECT
D1850 ERA82-004 PROTECT
SP1851 NRPS10-G3.15A
SP1852 NRPS10-G3.15A
SP1853 NRPS10-G3.15A
F1851 BNX002-01
F1852 BNX002-01
F1853 BNX002-01
F1854 BNX002-01
CN1850 (1/6) 246P
CN1850 (2/6) 246P
CN1850 (3/6) 246P
CN1850 (4/6) 246P
CN1850 (5/6) 246P
CN1850 (6/6) 246P
TO BUS-P2 BOARD CN9001 (1/6)
TO BUS-P3 BOARD CN9001 (2/6)
TO BUS-P4 BOARD CN9001 (3/6)
TO BUS-P5 BOARD CN9001 (4/6)
TO BUS-P6 BOARD CN9001 (5/6)
TO BUS-P2 BOARD CN9001 (6/6)
IC1851 (1/9) TC74LCX541F BUFFER
IC1851 (2/9) TC74LCX541F BUFFER
IC1851 (3/9) TC74LCX541F BUFFER
IC1851 (4/9) TC74LCX541F BUFFER
IC1851 (5/9) TC74LCX541F BUFFER
IC1851 (6/9) TC74LCX541F BUFFER
IC1851 (7/9) TC74LCX541F BUFFER
IC1851 (8/9) TC74LCX541F BUFFER
IC1851 (9/9) TC74LCX541F BUFFER
IC1852 (1/9) TC74AC540F INV.
IC1852 (2/9) TC74AC540F INV.
IC1852 (3/9) TC74AC540F INV.
IC1852 (4/9) TC74AC540F INV.
IC1852 (5/9) TC74AC540F INV.
IC1852 (6/9) TC74AC540F INV.
IC1852 (7/9) TC74AC540F INV.
IC1852 (8/9) TC74AC540F INV.
IC1852 (9/9) TC74AC540F BUFFER
TP1850 VIDEO
TP1851 YC-Y
TP1852 YC-C
TP1853 1820FH
TP1854 2HD
TP1855 VD
TP1856 HD
TP1857 910FH
TP1858 15K/31K
TP1859 AGND
TP1860 R/R-Y
TP1861 G/Y
TP1862 B/B-Y
TP1863 H
TP1864 V
TP1865
TP1866 MPU-RST
CN1851 S-MICRO 3P
SCLK
SDATA
GND
FOR CHECK
TO P1, P3, P4 I2C
TO P2
TO P3
TO P6
TO P7-9
TO P8
TO P9
TO P10
TO P11
TO P12
TO P7
1820FH-BUF
1820FH-SVP
1820FH-ADC
910FH-R
910FH-G
910FH-B
910FH-ADC
910FH-PTC
15K/31K-BUF
15K/31K-ADC
R4 (0..9)
G4 (0..9)
B4 (0..9)
WR0 WR1 WR2 WR3 WR4 WR5 WR6 WR7 WR8 WR9
WG0 WG1 WG2 WG3 WG4 WG5 WG6 WG7 WG8 WG9
WB0 WB1 WB2 WB3 WB4 WB5 WB6 WB7 WB8 WB9
R OUT0 R OUT1 R OUT2 R OUT3 R OUT4 R OUT5 R OUT6 R OUT7 R OUT8 R OUT9
G OUT0 G OUT1 G OUT2 G OUT3 G OUT4 G OUT5 G OUT6 G OUT7 G OUT8 G OUT9
B OUT0 B OUT1 B OUT2 B OUT3 B OUT4 B OUT5 B OUT6 B OUT7 B OUT8 B OUT9
R/R-Y G/Y B/B-Y
VIDEO
9V
3.3V
5V
+12V
+9V
+3.3V
+5V
5V-2
3.3V-2
R
G
B

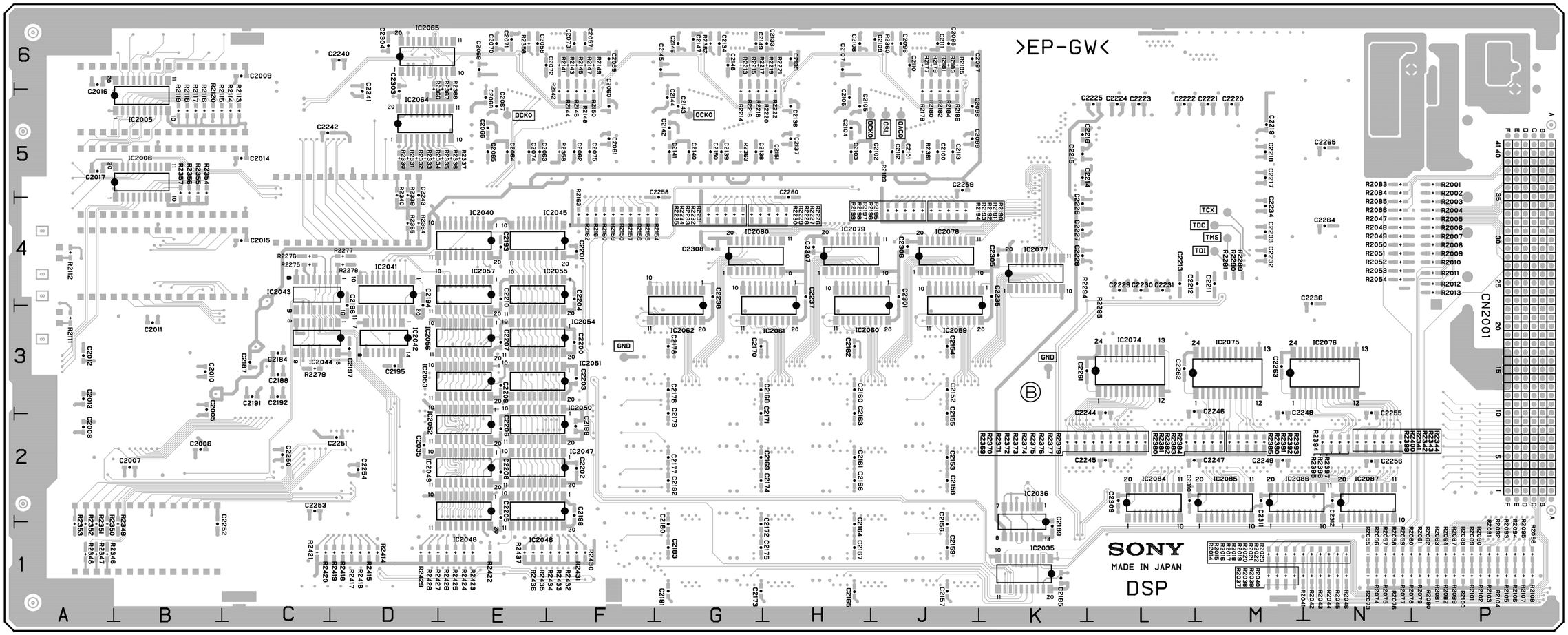


DSP – A SIDE –

SUFFIX: -11

DSP BOARD
*: B SIDE

D2001	A-3	IC2029	G-2	IC2052	*E-2	IC2075	*M-3	TP2009	M-1	TP2032	B-6	TP2057	M-6	TP2082	K-3	TP2105	F-1	TP2145	L-3
D2002	A-4	IC2030	G-1	IC2053	*E-3	IC2076	*N-3	TP2010	M-1	TP2033	B-6	TP2058	M-6	TP2083	K-4	TP2106	F-1	TP2146	L-3
		IC2031	G-3	IC2054	*E-3	IC2077	*K-4	TP2011	M-1	TP2034	B-6	TP2059	M-6	TP2084	K-3	TP2107	F-1	TP2147	L-3
IC2001	B-5	IC2032	G-2	IC2055	*E-4	IC2078	*J-4	TP2012	N-1	TP2035	C-6	TP2060	M-6	TP2085	K-4	TP2108	K-1	TP2148	L-3
IC2002	B-5	IC2033	G-2	IC2056	*E-3	IC2079	*H-4	TP2013	N-1	TP2036	C-1	TP2061	L-6	TP2086	K-3	TP2109	C-4	TP2149	L-3
IC2003	B-4	IC2034	G-1	IC2057	*E-4	IC2080	*G-4	TP2014	N-1	TP2037	C-1	TP2062	L-6	TP2087	K-4	TP2110	D-5	TP2150	L-3
IC2004	B-3	IC2035	*K-1	IC2058	L-4	IC2081	N-4	TP2015	N-1	TP2038	C-1	TP2063	L-6	TP2088	K-3	TP2111	D-5	TP2151	L-3
IC2005	*B-5	IC2036	*K-2	IC2059	*J-4	IC2082	N-5	TP2016	N-1	TP2039	D-1	TP2064	L-6	TP2089	K-4	TP2112	D-5	TP2152	K-3
IC2006	*B-5	IC2037	E-1	IC2060	*H-4	IC2083	N-5	TP2017	N-1	TP2040	D-1	TP2065	L-6	TP2090	G-4	TP2113	E-5	TP2153	K-3
IC2012	E-2	IC2038	F-1	IC2061	*H-4	IC2084	*L-2	TP2018	P-3	TP2041	D-1	TP2066	K-6	TP2091	G-4	TP2114	D-5		
IC2014	E-5	IC2039	C-3	IC2062	*G-4	IC2085	*M-2	TP2019	P-3	TP2042	D-1	TP2067	K-6	TP2092	D-1	TP2115	D-5		
IC2016	J-5	IC2040	*E-4	IC2063	D-4	IC2086	*M-2	TP2020	P-3	TP2043	D-1	TP2068	K-6	TP2093	D-1	TP2116	D-5		
IC2018	G-5	IC2041	*D-4	IC2064	*D-5	IC2087	*N-2	TP2021	P-2	TP2044	A-5	TP2069	K-6	TP2094	D-1	TP2117	E-5		
IC2019	J-3	IC2042	*D-3	IC2065	*D-6	IC2215	F-4	TP2022	P-2	TP2045	A-5	TP2070	K-6	TP2095	E-1	TP2118	D-6		
IC2020	J-2	IC2043	*C-4	IC2066	C-5	IC2216	J-4	TP2023	P-2	TP2046	A-5	TP2071	K-6	TP2096	E-1	TP2119	D-6		
IC2021	J-2	IC2044	*C-3	IC2067	C-2	IC2217	G-4	TP2024	P-2	TP2047	A-4	TP2072	K-1	TP2097	E-1	TP2120	D-6		
IC2022	J-1	IC2045	*E-4	IC2068	B-1			TP2025	P-2	TP2048	F-3	TP2073	K-1	TP2098	E-1	TP2121	E-6		
IC2023	H-3	IC2046	*E-2	IC2069	L-2	TP2001	N-3	TP2026	P-2	TP2049	F-3	TP2074	K-1	TP2099	E-1	TP2122	E-6		
IC2024	H-2	IC2047	*E-2	IC2070	L-2	TP2002	H-5	TP2027	P-2	TP2052	N-6	TP2075	K-1	TP2100	E-1	TP2140	C-5		
IC2025	H-2	IC2048	*D-2	IC2071	M-2	TP2004	C-4	TP2028	B-6	TP2053	M-6	TP2076	K-1	TP2101	E-1	TP2141	C-5		
IC2026	H-1	IC2049	*D-2	IC2072	N-2	TP2006	P-3	TP2029	B-6	TP2054	M-6	TP2077	K-1	TP2102	E-1	TP2142	G-4		
IC2027	G-3	IC2050	*E-2	IC2073	D-1	TP2007	P-6	TP2030	B-6	TP2055	M-6	TP2078	K-1	TP2103	F-1	TP2143	F-4		
IC2028	G-2	IC2051	*E-3	IC2074	*L-3	TP2008	M-1	TP2031	B-6	TP2056	M-6	TP2079	K-1	TP2104	F-1	TP2144	L-3		


>EP-GW<
SONY
MADE IN JAPAN
DSP
CN2001
IC2065
IC2064
IC2005
IC2006
IC2040
IC2045
IC2041
IC2057
IC2055
IC2043
IC2044
IC2042
IC2056
IC2053
IC2054
IC2051
IC2050
IC2052
IC2047
IC2049
IC2048
IC2046
IC2080
IC2079
IC2078
IC2077
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IC2060
IC2059
IC2074
IC2075
IC2076
IC2084
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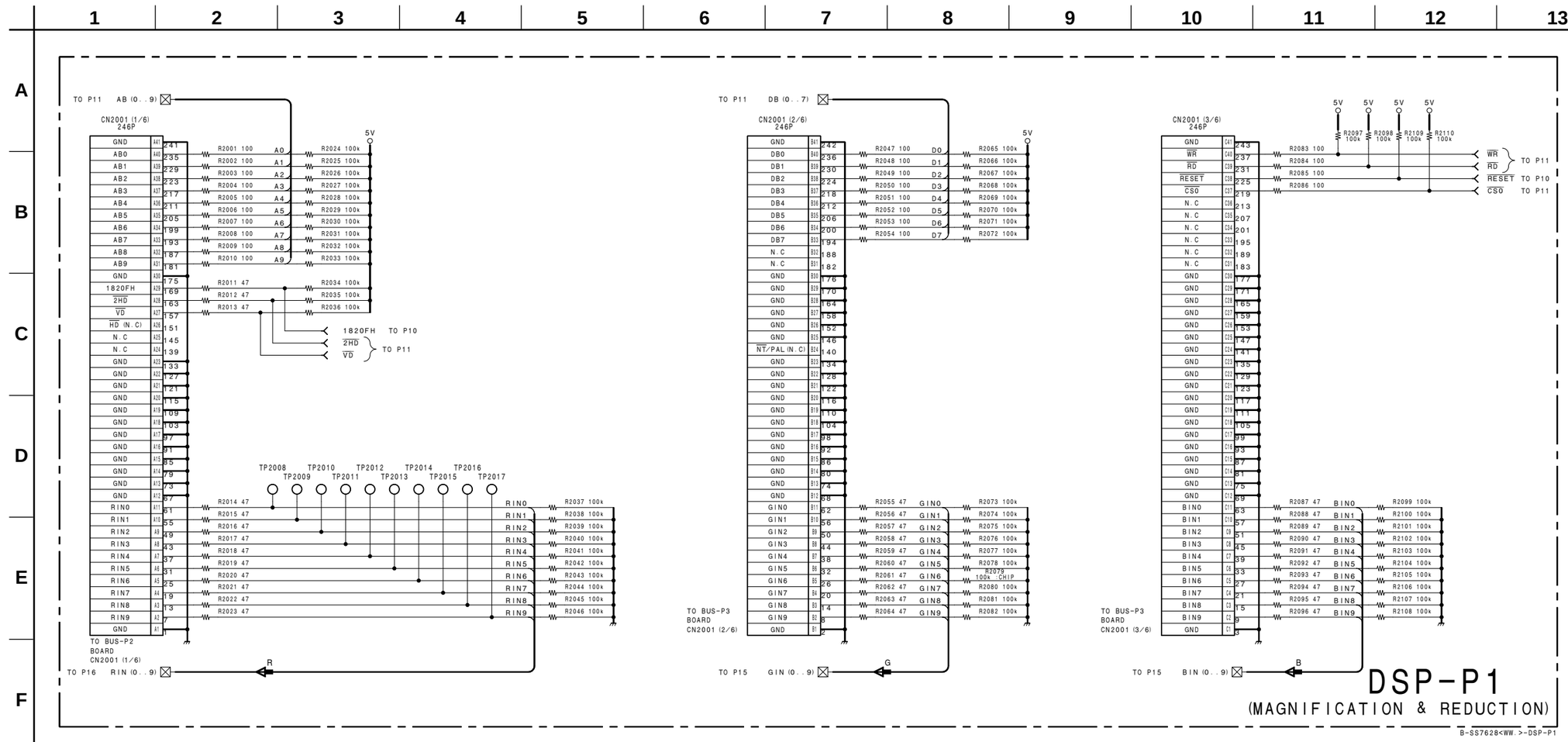
IC2036
IC2035
GND
DCKO
DSL
DACO
TCX
TDC
TMS
TDI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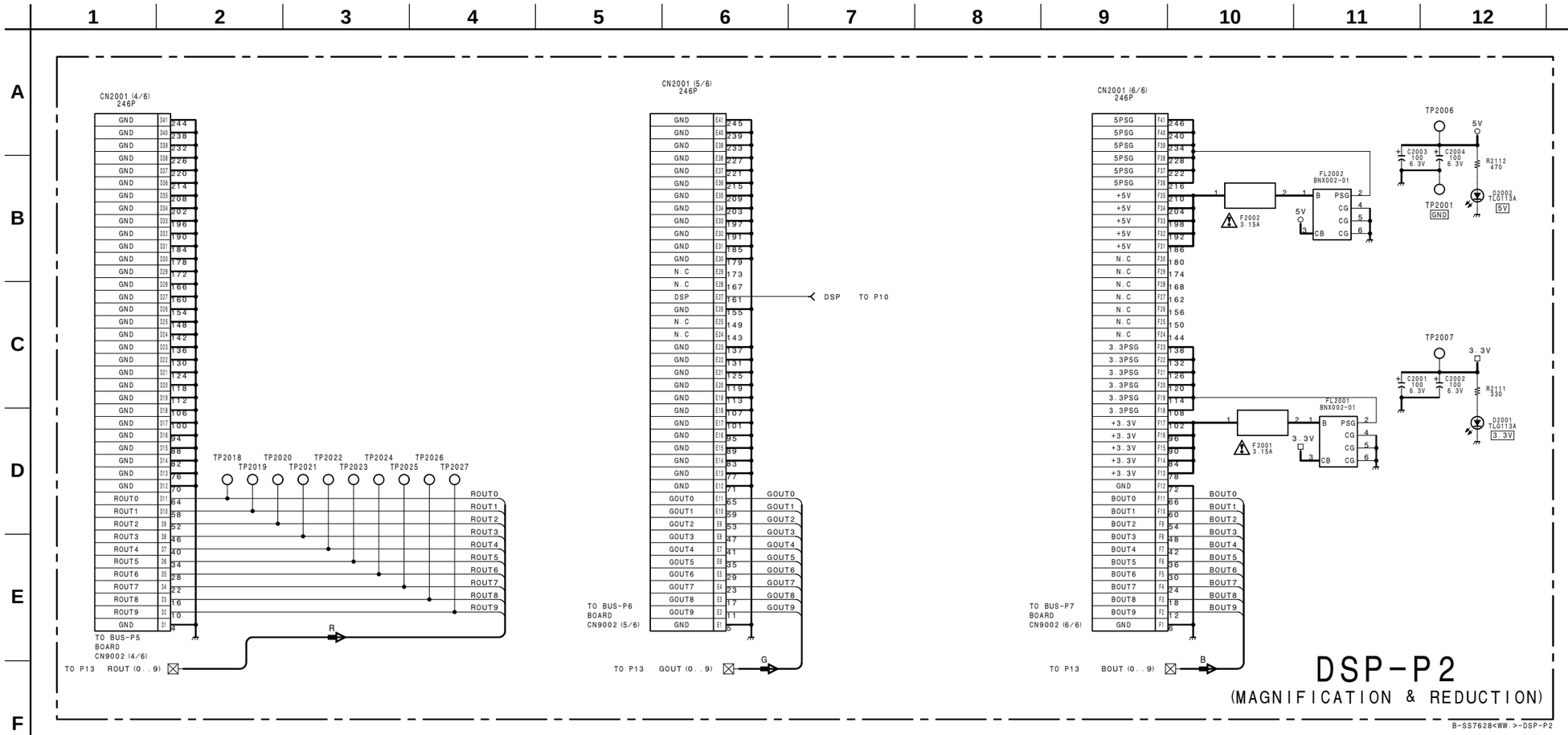
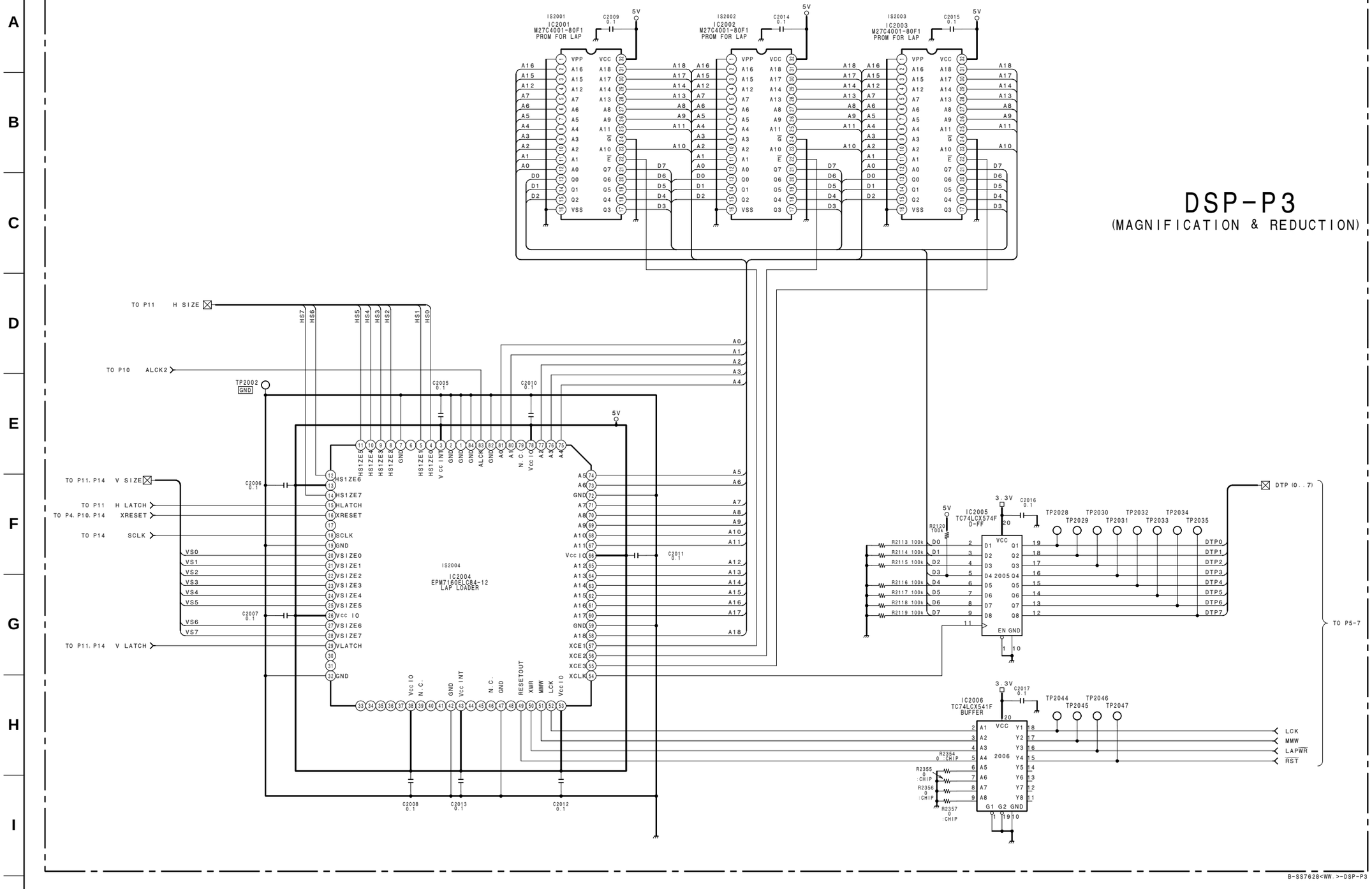
A B C D E F
TO P11 AB (0..9)
CN2001 (1/6) 246P
GND A41 241
AB0 A40 235
AB1 A39 229
AB2 A38 223
AB3 A37 217
AB4 A36 211
AB5 A35 205
AB6 A34 199
AB7 A33 193
AB8 A32 187
AB9 A31 181
GND A30 175
1820FH A29 169
2HD A28 163
VD A27 157
HD (N.C) A26 151
N.C A25 145
N.C A24 139
GND A23 133
GND A22 127
GND A21 121
GND A20 115
GND A19 109
GND A18 103
GND A17 97
GND A16 91
GND A15 85
GND A14 79
GND A13 73
GND A12 67
RIN0 A11 61
RIN1 A10 55
RIN2 A9 49
RIN3 A8 43
RIN4 A7 37
RIN5 A6 31
RIN6 A5 25
RIN7 A4 19
RIN8 A3 13
RIN9 A2 7
GND A1 1
TO BUS-P2 BOARD CN2001 (1/6)
R2001 100 A0
R2002 100 A1
R2003 100 A2
R2004 100 A3
R2005 100 A4
R2006 100 A5
R2007 100 A6
R2008 100 A7
R2009 100 A8
R2010 100 A9
R2011 47
R2012 47
R2013 47
5V
R2024 100k
R2025 100k
R2026 100k
R2027 100k
R2028 100k
R2029 100k
R2030 100k
R2031 100k
R2032 100k
R2033 100k
R2034 100k
R2035 100k
R2036 100k
1820FH TO P10
2HD
VD
TO P11
TP2008 TP2009 TP2010 TP2011 TP2012 TP2013 TP2014 TP2015 TP2016 TP2017
R2014 47
R2015 47
R2016 47
R2017 47
R2018 47
R2019 47
R2020 47
R2021 47
R2022 47
R2023 47
RIN0 RIN1 RIN2 RIN3 RIN4 RIN5 RIN6 RIN7 RIN8 RIN9
R2037 100k
R2038 100k
R2039 100k
R2040 100k
R2041 100k
R2042 100k
R2043 100k
R2044 100k
R2045 100k
R2046 100k
TO P16 RIN (0..9)
R
TO P11 DB (0..7)
CN2001 (2/6) 246P
GND B41 242
DB0 B40 236
DB1 B39 230
DB2 B38 224
DB3 B37 218
DB4 B36 212
DB5 B35 206
DB6 B34 200
DB7 B33 194
N.C B32 188
N.C B31 182
GND B30 176
GND B29 170
GND B28 164
GND B27 158
GND B26 152
GND B25 146
NT/PAL (N.C) B24 140
GND B23 134
GND B22 128
GND B21 122
GND B20 116
GND B19 110
GND B18 104
GND B17 98
GND B16 92
GND B15 86
GND B14 80
GND B13 74
GND B12 68
GIN0 B11 62
GIN1 B10 56
GIN2 B9 50
GIN3 B8 44
GIN4 B7 38
GIN5 B6 32
GIN6 B5 26
GIN7 B4 20
GIN8 B3 14
GIN9 B2 8
GND B1 2
TO BUS-P3 BOARD CN2001 (2/6)
R2047 100 D0
R2048 100 D1
R2049 100 D2
R2050 100 D3
R2051 100 D4
R2052 100 D5
R2053 100 D6
R2054 100 D7
5V
R2065 100k
R2066 100k
R2067 100k
R2068 100k
R2069 100k
R2070 100k
R2071 100k
R2072 100k
R2055 47 GIN0
R2056 47 GIN1
R2057 47 GIN2
R2058 47 GIN3
R2059 47 GIN4
R2060 47 GIN5
R2061 47 GIN6
R2062 47 GIN7
R2063 47 GIN8
R2064 47 GIN9
R2073 100k
R2074 100k
R2075 100k
R2076 100k
R2077 100k
R2078 100k
R2079 100k CHIP
R2080 100k
R2081 100k
R2082 100k
TO P15 GIN (0..9)
G
CN2001 (3/6) 246P
GND C41 243
WR C40 237
RD C39 231
RESET C38 225
CS0 C37 219
N.C C36 213
N.C C35 207
N.C C34 201
N.C C33 195
N.C C32 189
N.C C31 183
GND C30 177
GND C29 171
GND C28 165
GND C27 159
GND C26 153
GND C25 147
GND C24 141
GND C23 135
GND C22 129
GND C21 123
GND C20 117
GND C19 111
GND C18 105
GND C17 99
GND C16 93
GND C15 87
GND C14 81
GND C13 75
GND C12 69
BIN0 C11 63
BIN1 C10 57
BIN2 C9 51
BIN3 C8 45
BIN4 C7 39
BIN5 C6 33
BIN6 C5 27
BIN7 C4 21
BIN8 C3 15
BIN9 C2 9
GND C1 3
TO BUS-P3 BOARD CN2001 (3/6)
5V 5V 5V 5V
R2097 100k
R2098 100k
R2109 100k
R2110 100k
R2083 100
R2084 100
R2085 100
R2086 100
WR
RD
RESET
CS0
TO P11
TO P10
TO P11
R2087 47 BIN0
R2088 47 BIN1
R2089 47 BIN2
R2090 47 BIN3
R2091 47 BIN4
R2092 47 BIN5
R2093 47 BIN6
R2094 47 BIN7
R2095 47 BIN8
R2096 47 BIN9
R2099 100k
R2100 100k
R2101 100k
R2102 100k
R2103 100k
R2104 100k
R2105 100k
R2106 100k
R2107 100k
R2108 100k
TO P15 BIN (0..9)
B
DSP-P1
(MAGNIFICATION & REDUCTION)
B-SS7628<WW.>-DSP-P1



DSP-P2
(MAGNIFICATION & REDUCTION)

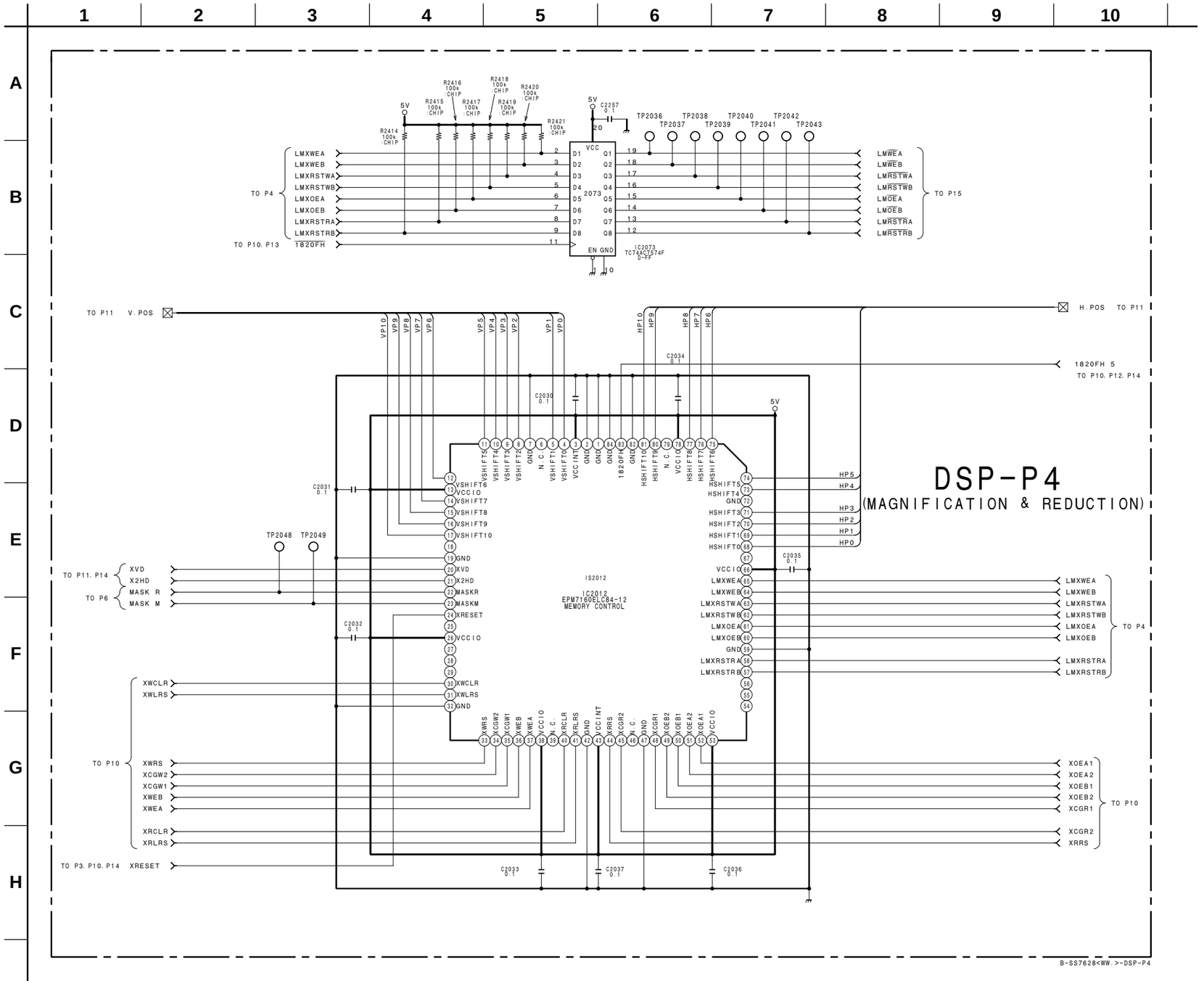
B-SS7628<WW.>-DSP-P2

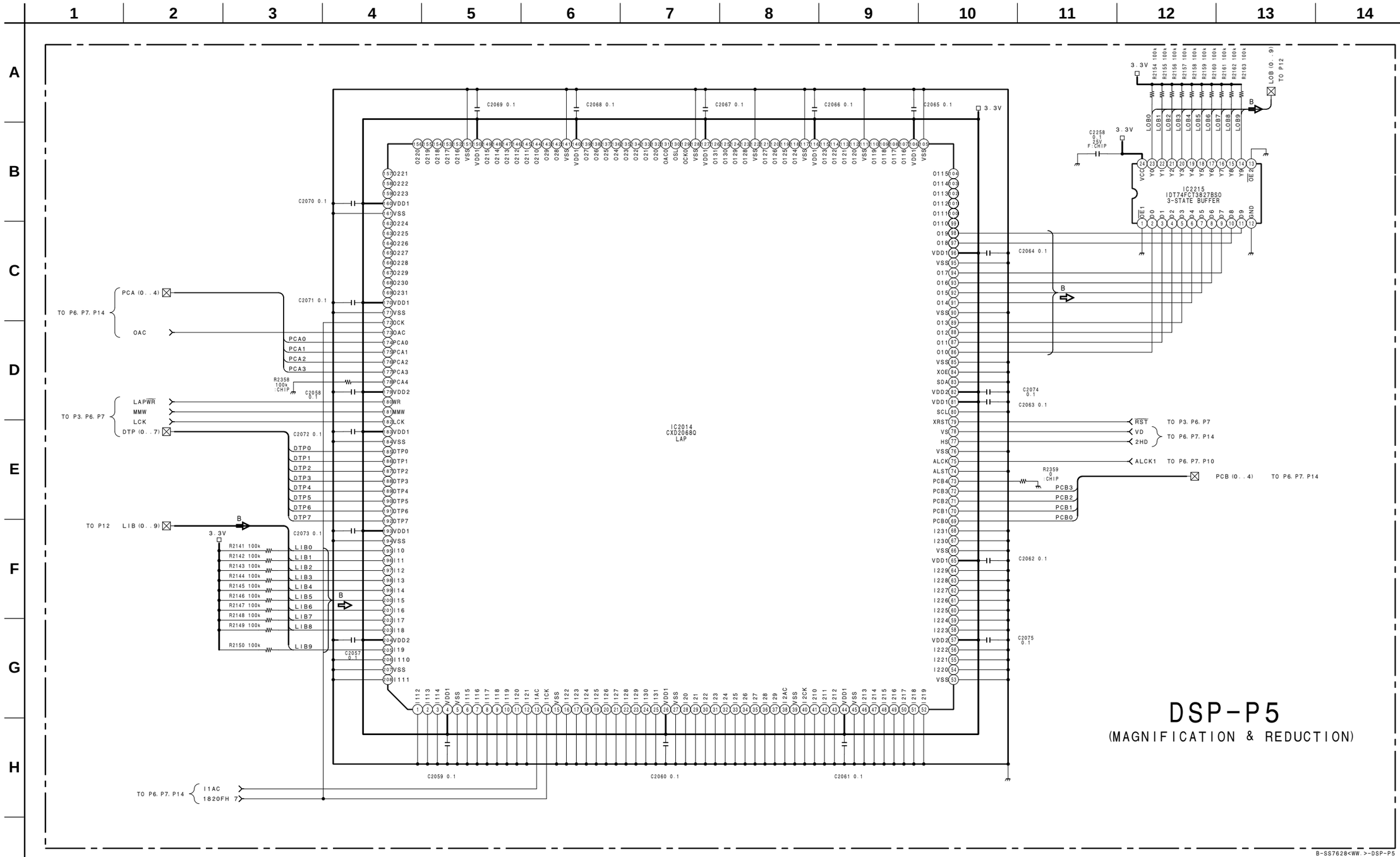
DSP-P3
(MAGNIFICATION & REDUCTION)



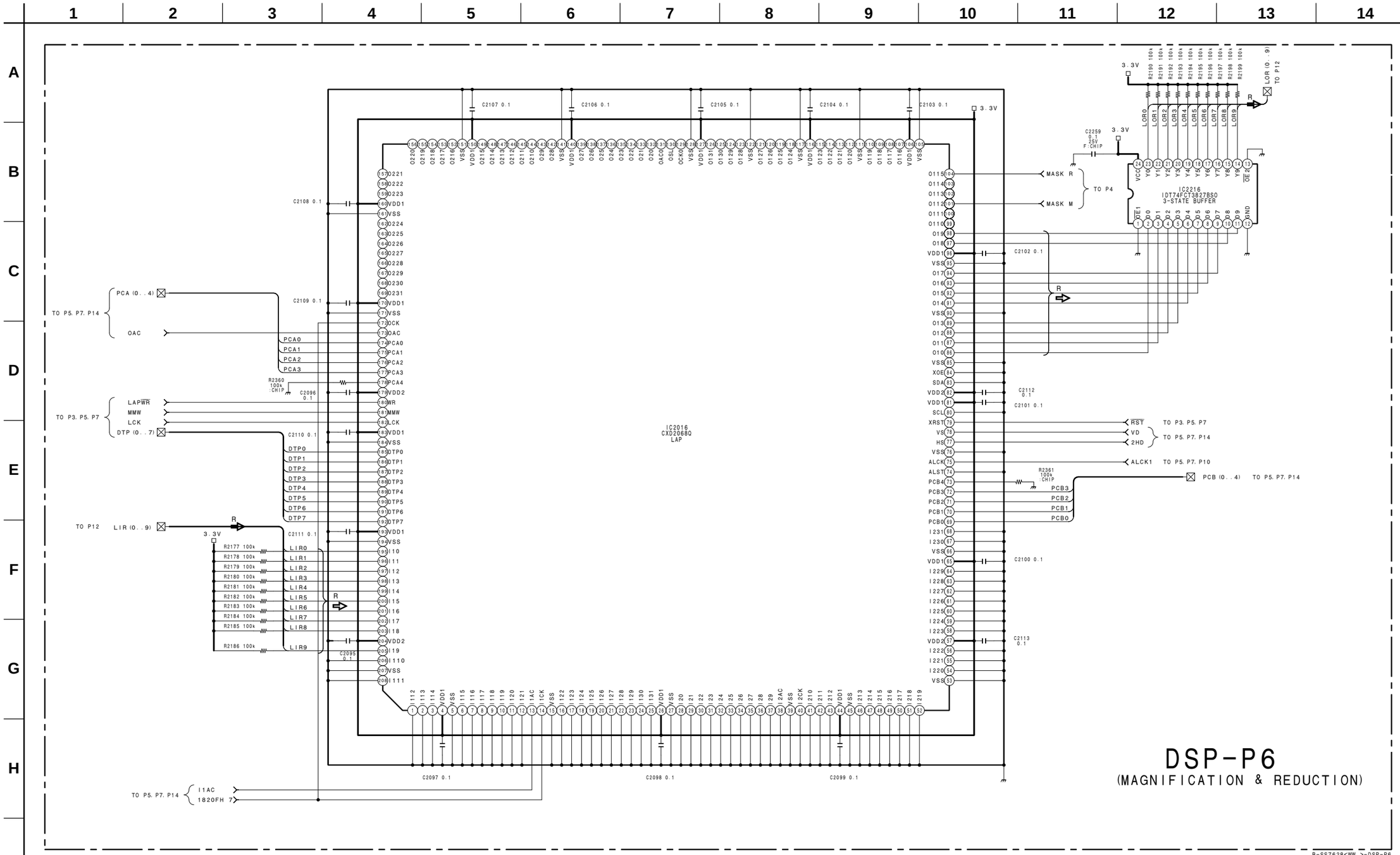
DSP-P4

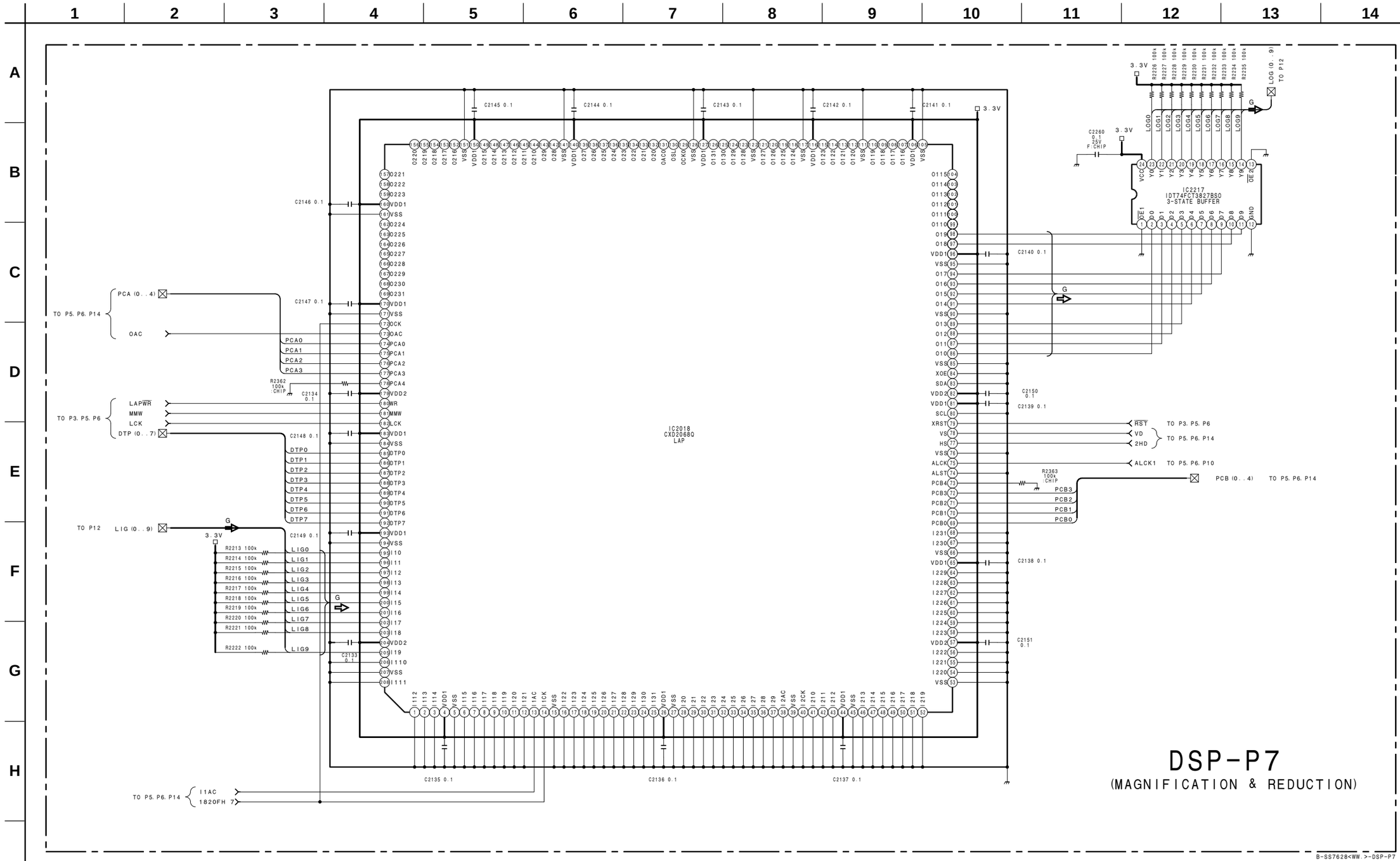
(MAGNIFICATION & REDUCTION)

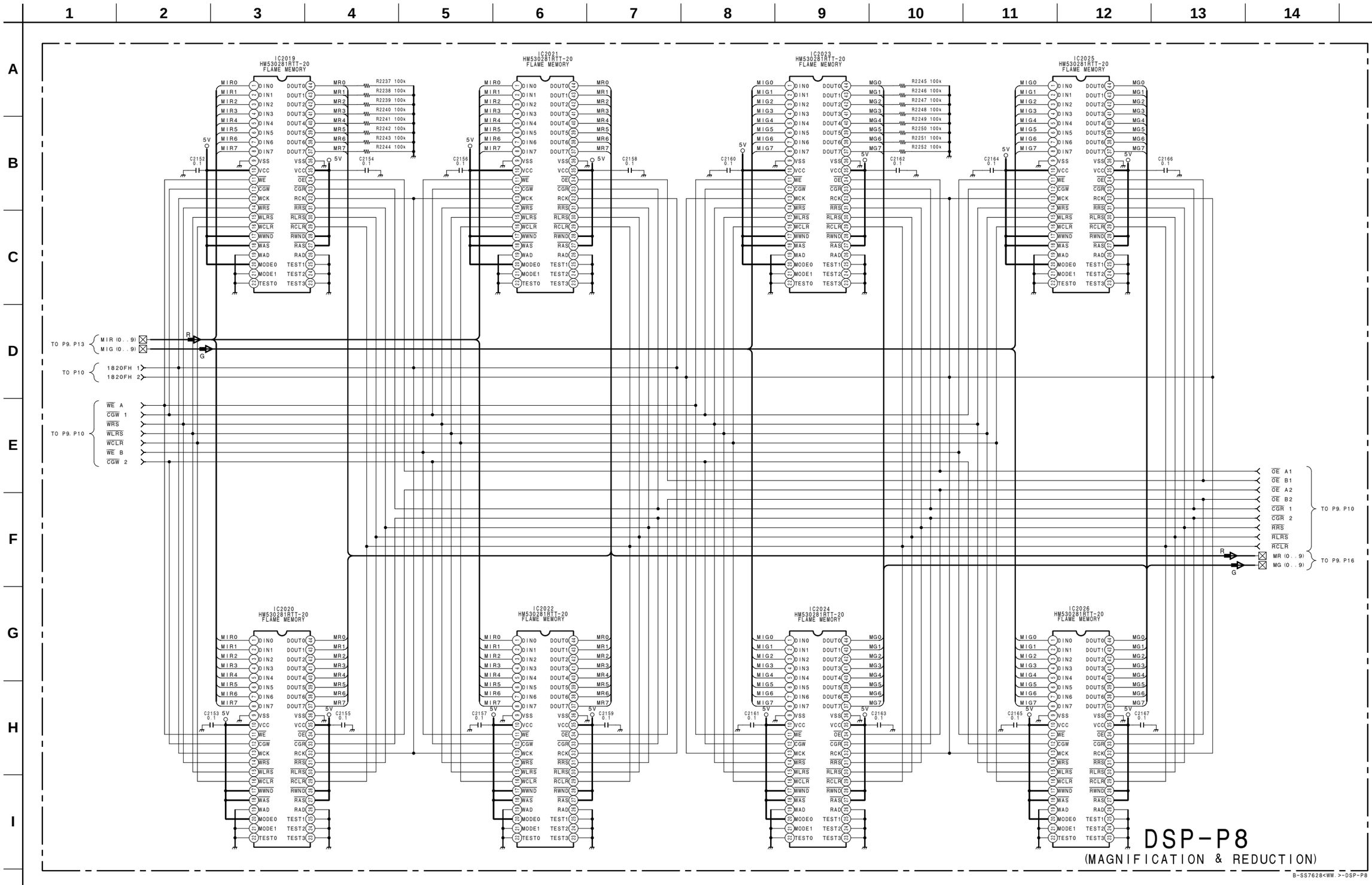


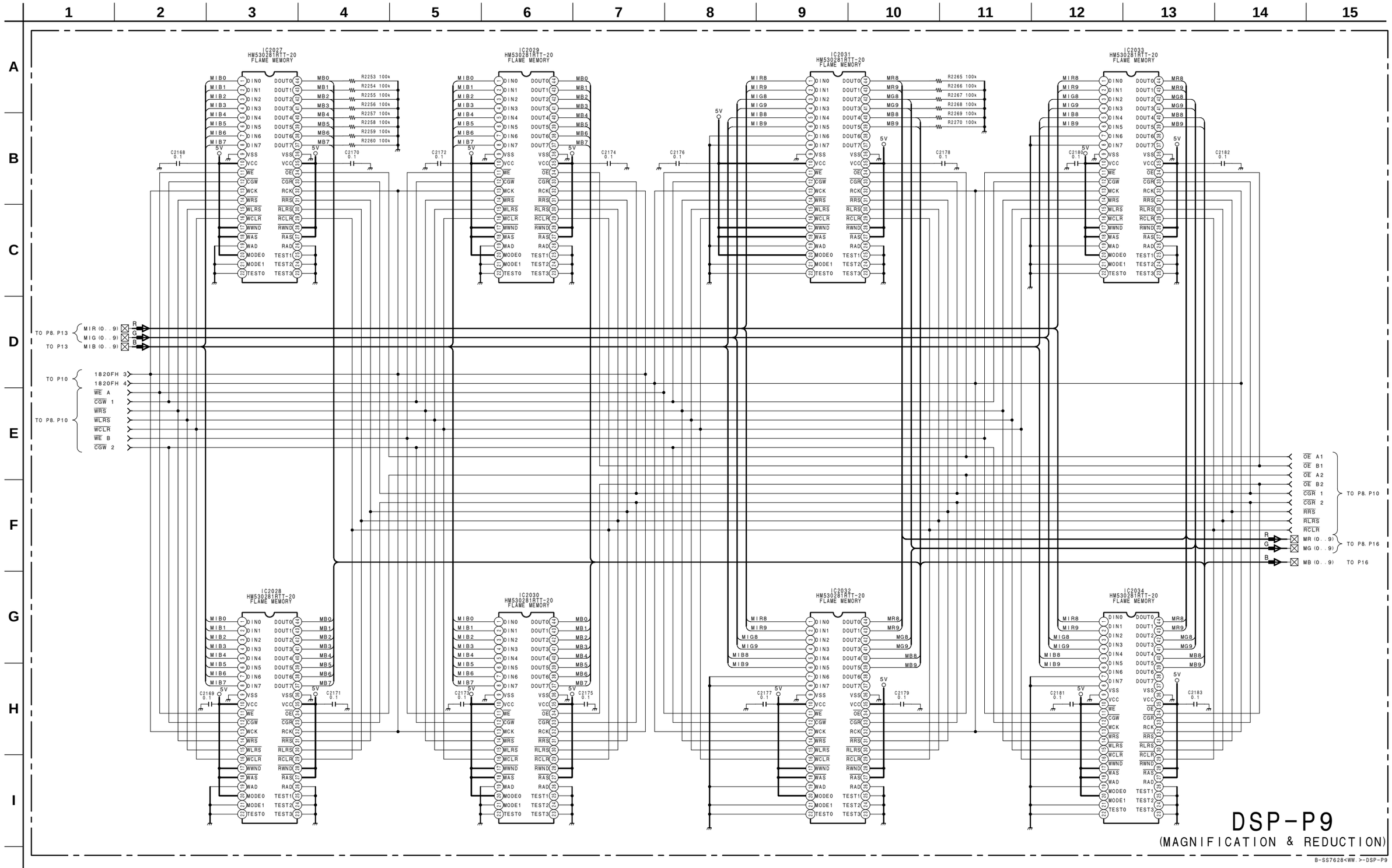


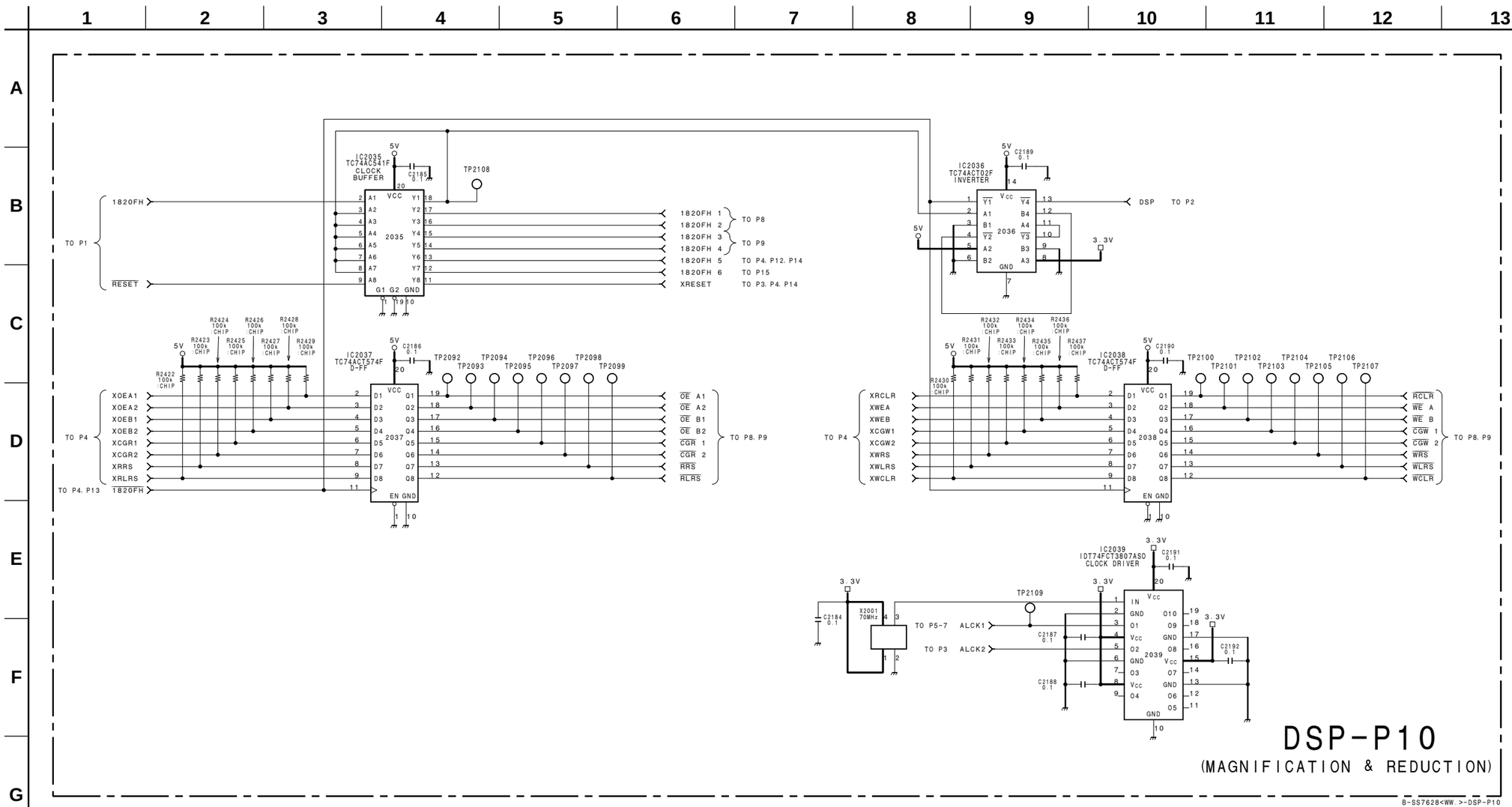
DSP-P5
(MAGNIFICATION & REDUCTION)


1 2 3 4 5 6 7 8 9 10 11 12 13 14
A B C D E F G H I
IC2016
CXD2068Q
LAP
C2107 0.1
C2106 0.1
C2105 0.1
C2104 0.1
C2103 0.1
3.3V
C2108 0.1
C2109 0.1
C2110 0.1
C2111 0.1
C2095 0.1
C2097 0.1
C2098 0.1
C2099 0.1
C2102 0.1
C2112 0.1
C2101 0.1
C2100 0.1
C2113 0.1
C2259 0.1 25V F CHIP
R2190 100k
R2191 100k
R2192 100k
R2193 100k
R2194 100k
R2195 100k
R2196 100k
R2197 100k
R2198 100k
R2199 100k
LOR0
LOR1
LOR2
LOR3
LOR4
LOR5
LOR6
LOR7
LOR8
LOR9
LOR (0..9)
TO P12
IC2216
IDT74FCT3827BSO
3-STATE BUFFER
MASK R
MASK M
TO P4
PCA (0..4)
OAC
TO P5. P7. P14
PCA0
PCA1
PCA2
PCA3
R2360 100k :CHIP
C2096 0.1
LAPWR
MMW
LCK
DTP (0..7)
TO P3. P5. P7
DTP0
DTP1
DTP2
DTP3
DTP4
DTP5
DTP6
DTP7
TO P12
LIR (0..9)
R2177 100k
R2178 100k
R2179 100k
R2180 100k
R2181 100k
R2182 100k
R2183 100k
R2184 100k
R2185 100k
R2186 100k
LIR0
LIR1
LIR2
LIR3
LIR4
LIR5
LIR6
LIR7
LIR8
LIR9
I1AC
I820FH 7
TO P5. P7. P14
RST
VD
2HD
TO P3. P5. P7
TO P5. P7. P14
ALCK1
TO P5. P7. P10
R2361 100k :CHIP
PCB (0..4)
TO P5. P7. P14
PCB3
PCB2
PCB1
PCB0
DSP-P6
(MAGNIFICATION & REDUCTION)
B-SS7628<WW.>-DSP-P6


IC2018
CXD2068Q
LAP
IC2217
IDT74FCT3827BSO
3-STATE BUFFER
C2145 0.1
C2144 0.1
C2143 0.1
C2142 0.1
C2141 0.1
C2146 0.1
C2147 0.1
C2148 0.1
C2149 0.1
C2133 0.1
C2134 0.1
C2135 0.1
C2136 0.1
C2137 0.1
C2138 0.1
C2139 0.1
C2140 0.1
C2150 0.1
C2151 0.1
C2260 0.1 25V F CHIP
R2362 100k :CHIP
R2363 100k :CHIP
R2213 100k
R2214 100k
R2215 100k
R2216 100k
R2217 100k
R2218 100k
R2219 100k
R2220 100k
R2221 100k
R2222 100k
R2226 100k
R2227 100k
R2228 100k
R2229 100k
R2230 100k
R2231 100k
R2232 100k
R2233 100k
R2234 100k
R2235 100k
3.3V
PCA (0..4)
TO P5. P6. P14
OAC
LAPWR
MMW
LCK
DTP (0..7)
TO P3. P5. P6
LIG (0..9)
TO P12
I1AC
1820FH 7
RST
VD
2HD
TO P3. P5. P6
TO P5. P6. P14
ALCK1
TO P5. P6. P10
PCB (0..4)
TO P5. P6. P14
LOG (0..9)
TO P12
DSP-P7
(MAGNIFICATION & REDUCTION)
B-SS7628<WW.>-DSP-P7


IC2019 HM530281RTT-20 FLAME MEMORY
IC2021 HM530281RTT-20 FLAME MEMORY
IC2023 HM530281RTT-20 FLAME MEMORY
IC2025 HM530281RTT-20 FLAME MEMORY
IC2020 HM530281RTT-20 FLAME MEMORY
IC2022 HM530281RTT-20 FLAME MEMORY
IC2024 HM530281RTT-20 FLAME MEMORY
IC2026 HM530281RTT-20 FLAME MEMORY
DIN0 DIN1 DIN2 DIN3 DIN4 DIN5 DIN6 DIN7
DOUT0 DOUT1 DOUT2 DOUT3 DOUT4 DOUT5 DOUT6 DOUT7
VSS VCC WE CGW WCK WRS WLRS WCLR RWND WAD MODE0 MODE1 TEST0
OE CGR RCK RAS RLRS RCLR RAS RAD TEST1 TEST2 TEST3
5V
TO P9. P13
MIR (0..9)
MIG (0..9)
TO P10
1820FH 1
1820FH 2
TO P9. P10
WE A
CGW 1
WRS
WLRS
WCLR
WE B
CGW 2
OE A1
OE B1
OE A2
OE B2
CGR 1
CGR 2
RAS
RLRS
RCLR
TO P9. P10
MR (0..9)
MG (0..9)
TO P9. P16
R
G
DSP-P8
(MAGNIFICATION & REDUCTION)
B-SS7628<WW.>-DSP-P8

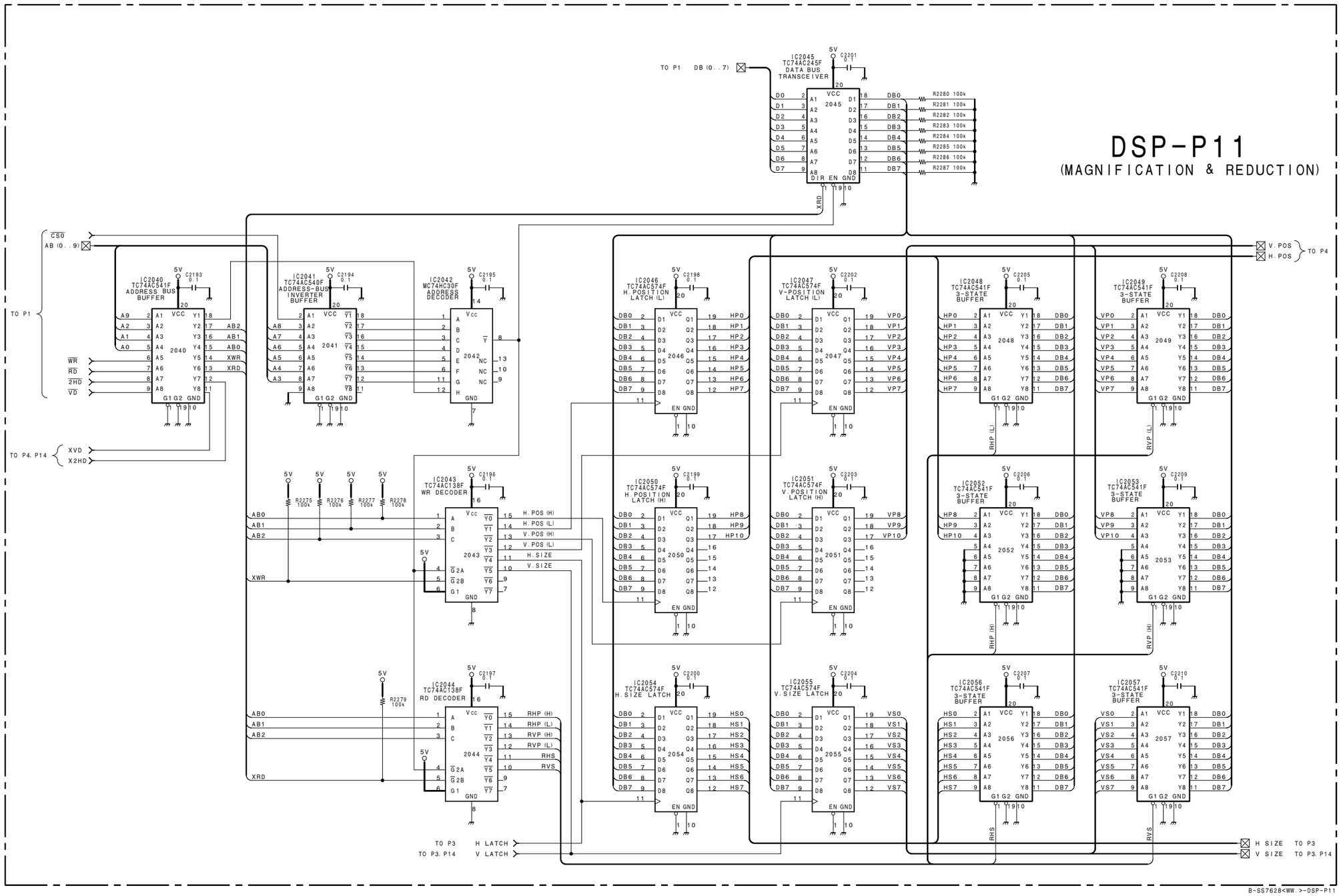

IC2027 HM530281RTT-20 FLAME MEMORY
IC2029 HM530281RTT-20 FLAME MEMORY
IC2031 HM530281RTT-20 FLAME MEMORY
IC2033 HM530281RTT-20 FLAME MEMORY
IC2028 HM530281RTT-20 FLAME MEMORY
IC2030 HM530281RTT-20 FLAME MEMORY
IC2032 HM530281RTT-20 FLAME MEMORY
IC2034 HM530281RTT-20 FLAME MEMORY
DIN0 DIN1 DIN2 DIN3 DIN4 DIN5 DIN6 DIN7
DOUT0 DOUT1 DOUT2 DOUT3 DOUT4 DOUT5 DOUT6 DOUT7
VSS VCC WE CGW WCK WRS WLRS WCLR RWND WAS WAD MODE0 MODE1 TEST0
OE CGR RCK RRS RLRS RCLR RWND RAS RAD TEST1 TEST2 TEST3
5V
0.1
TO P8, P13
MIR (0..9)
MIG (0..9)
MIB (0..9)
TO P13
TO P10
1820FH 3
1820FH 4
WE A
CGW 1
WRS
WLRS
WCLR
WE B
CGW 2
TO P8, P10
OE A1
OE B1
OE A2
OE B2
CGR 1
CGR 2
RRS
RLRS
RCLR
MR (0..9)
MG (0..9)
MB (0..9)
TO P8, P16
TO P16
DSP-P9
(MAGNIFICATION & REDUCTION)
B-SS7628<WW.>-DSP-P9



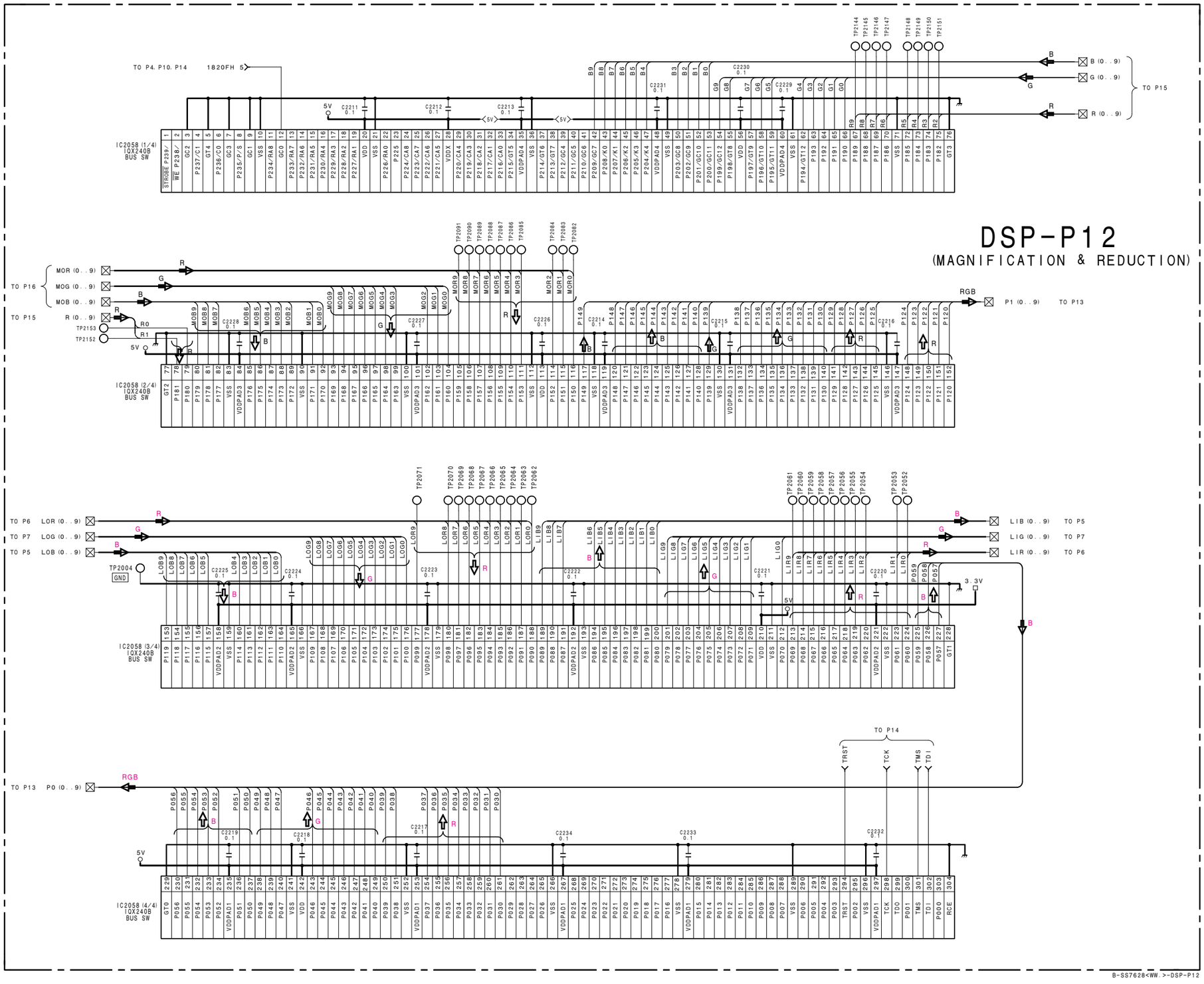
DSP-P10
(MAGNIFICATION & REDUCTION)

B-SS7628<WW.>-DSP-P10

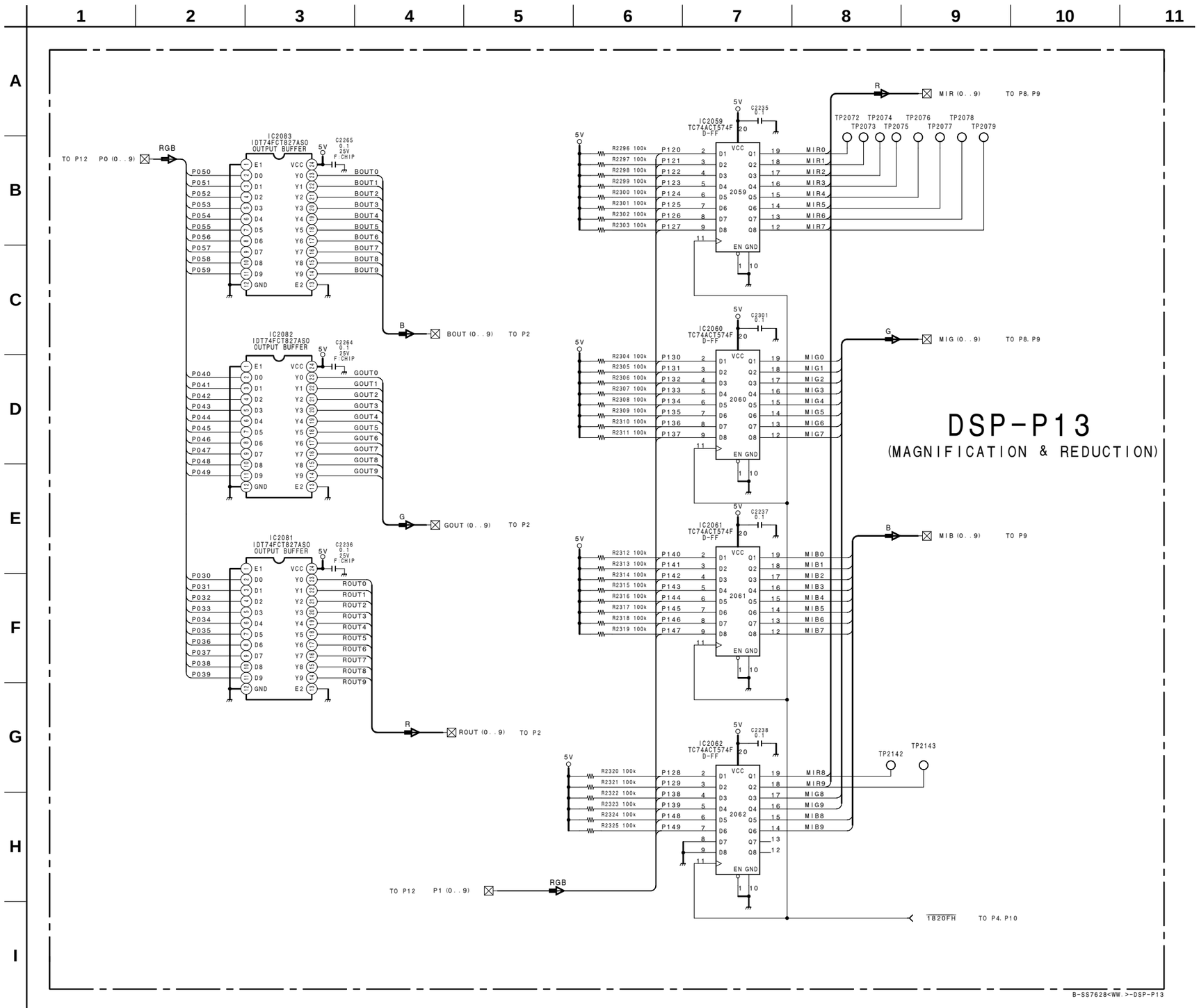
DSP-P11
(MAGNIFICATION & REDUCTION)

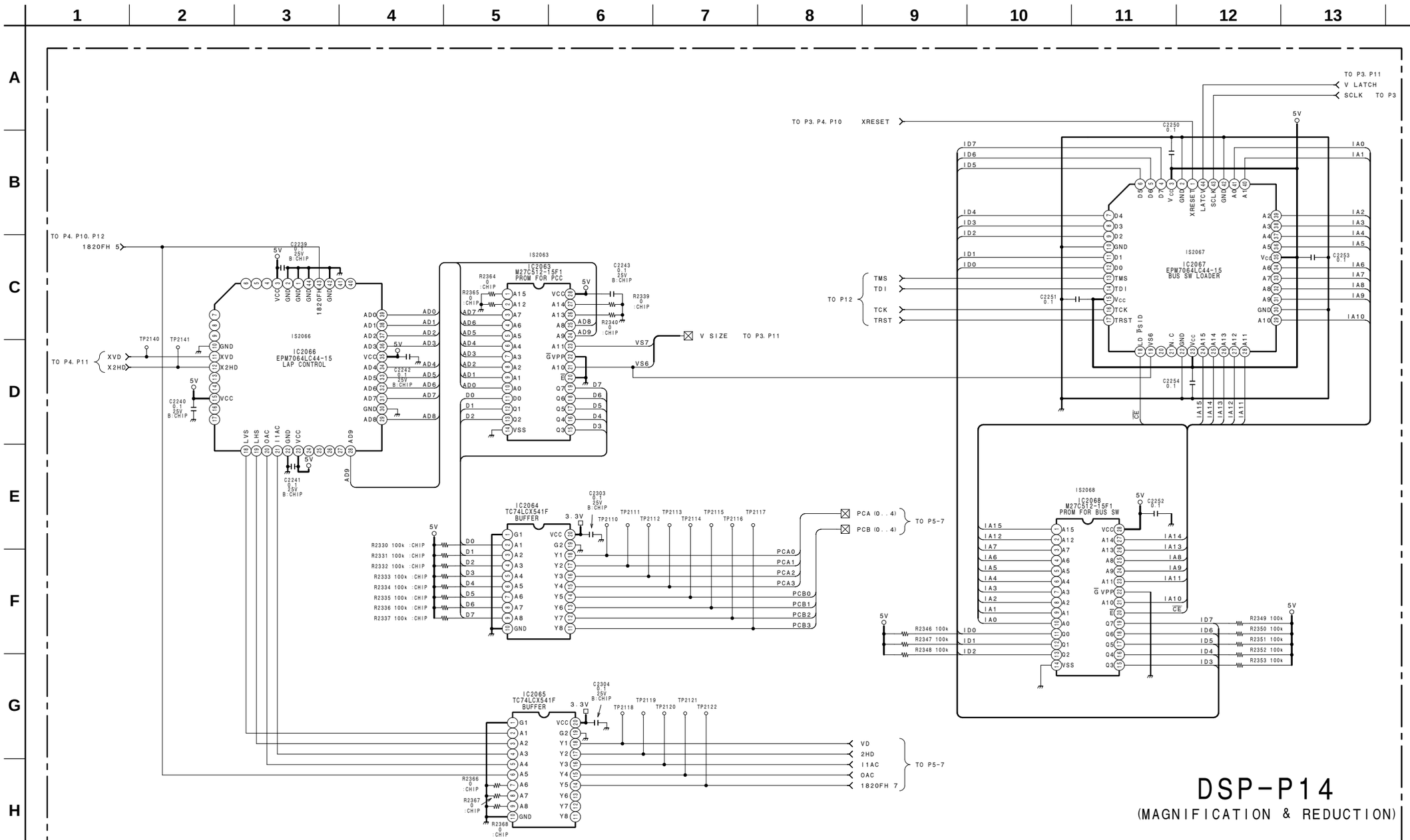


DSP-P12
(MAGNIFICATION & REDUCTION)



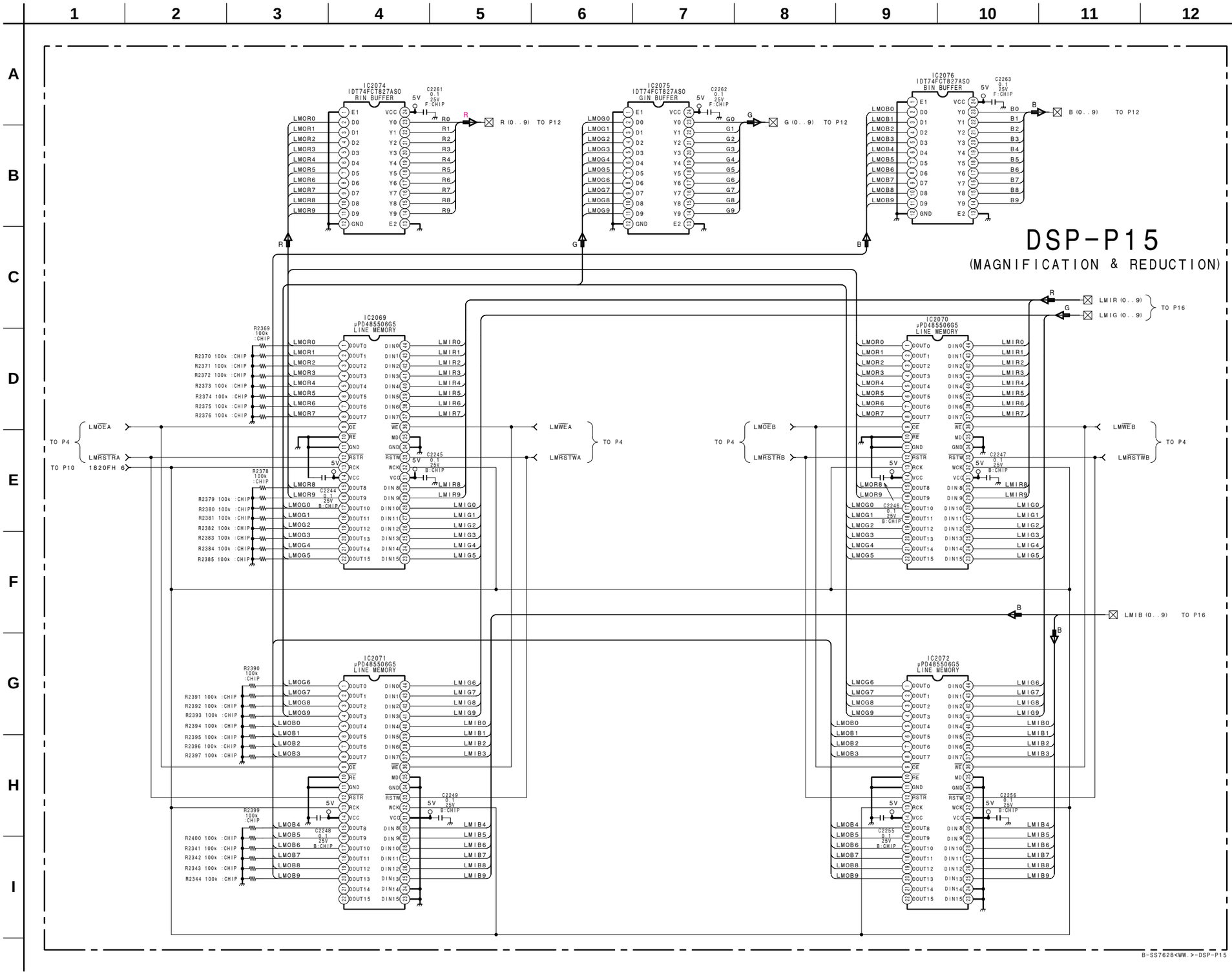
B-SS7628<WW.>-DSP-P12


1 2 3 4 5 6 7 8 9 10 11
A B C D E F G H I
IC2083 IDT74FCT827ASO OUTPUT BUFFER
IC2082 IDT74FCT827ASO OUTPUT BUFFER
IC2081 IDT74FCT827ASO OUTPUT BUFFER
IC2059 TC74ACT574F D-FF
IC2060 TC74ACT574F D-FF
IC2061 TC74ACT574F D-FF
IC2062 TC74ACT574F D-FF
C2265 0.1 25V F.CHIP
C2264 0.1 25V F.CHIP
C2236 0.1 25V F.CHIP
C2235 0.1
C2301 0.1
C2237 0.1
C2238 0.1
5V
RGB
TO P12 P0 (0..9)
P050 P051 P052 P053 P054 P055 P056 P057 P058 P059
BOUT0 BOUT1 BOUT2 BOUT3 BOUT4 BOUT5 BOUT6 BOUT7 BOUT8 BOUT9
B BOUT (0..9) TO P2
P040 P041 P042 P043 P044 P045 P046 P047 P048 P049
GOUT0 GOUT1 GOUT2 GOUT3 GOUT4 GOUT5 GOUT6 GOUT7 GOUT8 GOUT9
G GOUT (0..9) TO P2
P030 P031 P032 P033 P034 P035 P036 P037 P038 P039
ROUT0 ROUT1 ROUT2 ROUT3 ROUT4 ROUT5 ROUT6 ROUT7 ROUT8 ROUT9
R ROUT (0..9) TO P2
R MIR (0..9) TO P8, P9
TP2072 TP2073 TP2074 TP2075 TP2076 TP2077 TP2078 TP2079
R2296 100k R2297 100k R2298 100k R2299 100k R2300 100k R2301 100k R2302 100k R2303 100k
P120 P121 P122 P123 P124 P125 P126 P127
MIR0 MIR1 MIR2 MIR3 MIR4 MIR5 MIR6 MIR7
G MIG (0..9) TO P8, P9
R2304 100k R2305 100k R2306 100k R2307 100k R2308 100k R2309 100k R2310 100k R2311 100k
P130 P131 P132 P133 P134 P135 P136 P137
MIG0 MIG1 MIG2 MIG3 MIG4 MIG5 MIG6 MIG7
B MIB (0..9) TO P9
R2312 100k R2313 100k R2314 100k R2315 100k R2316 100k R2317 100k R2318 100k R2319 100k
P140 P141 P142 P143 P144 P145 P146 P147
MIB0 MIB1 MIB2 MIB3 MIB4 MIB5 MIB6 MIB7
R2320 100k R2321 100k R2322 100k R2323 100k R2324 100k R2325 100k
P128 P129 P138 P139 P148 P149
MIR8 MIR9 MIG8 MIG9 MIB8 MIB9
TP2142 TP2143
TO P12 P1 (0..9)
RGB
1820FH TO P4, P10
DSP-P13
(MAGNIFICATION & REDUCTION)
B-SS7628<WW.>-DSP-P13


1 2 3 4 5 6 7 8 9 10 11 12 13
A B C D E F G H
TO P4. P10. P12
1820FH 5
TO P4. P11
XVD
X2HD
TP2140
TP2141
IS2066
IC2066
EPM7064LC44-15
LAP CONTROL
C2239 0.1 25V B.CHIP
C2240 0.1 25V B.CHIP
C2241 0.1 25V B.CHIP
C2242 0.1 25V B.CHIP
IS2063
IC2063
M27C512-15F1
PROM FOR PCC
C2243 0.1 25V B.CHIP
C2303 0.1 25V B.CHIP
C2304 0.1 25V B.CHIP
R2364 0 :CHIP
R2365 0 :CHIP
R2339 0 :CHIP
R2340 0 :CHIP
V SIZE TO P3. P11
VS7
VS6
IC2064
TC74LCX541F
BUFFER
IC2065
TC74LCX541F
BUFFER
3.3V
TP2110
TP2111
TP2112
TP2113
TP2114
TP2115
TP2116
TP2117
TP2118
TP2119
TP2120
TP2121
TP2122
R2330 100k :CHIP
R2331 100k :CHIP
R2332 100k :CHIP
R2333 100k :CHIP
R2334 100k :CHIP
R2335 100k :CHIP
R2336 100k :CHIP
R2337 100k :CHIP
PCA (0..4)
PCB (0..4)
TO P5-7
VD
2HD
I1AC
OAC
1820FH 7
R2366 0 :CHIP
R2367 0 :CHIP
R2368 0 :CHIP
TO P3. P4. P10
XRESET
TO P12
TMS
TDI
TCK
TRST
TO P3. P11
V LATCH
SCLK TO P3
IS2067
IC2067
EPM7064LC44-15
BUS SW LOADER
C2250 0.1
C2251 0.1
C2253 0.1
C2254 0.1
IS2068
IC2068
M27C512-15F1
PROM FOR BUS SW
C2252 0.1
R2346 100k
R2347 100k
R2348 100k
R2349 100k
R2350 100k
R2351 100k
R2352 100k
R2353 100k
DSP-P14
(MAGNIFICATION & REDUCTION)
B-SS7628<WW.>-DSP-P14

DSP-P15

(MAGNIFICATION & REDUCTION)



DSP-P16
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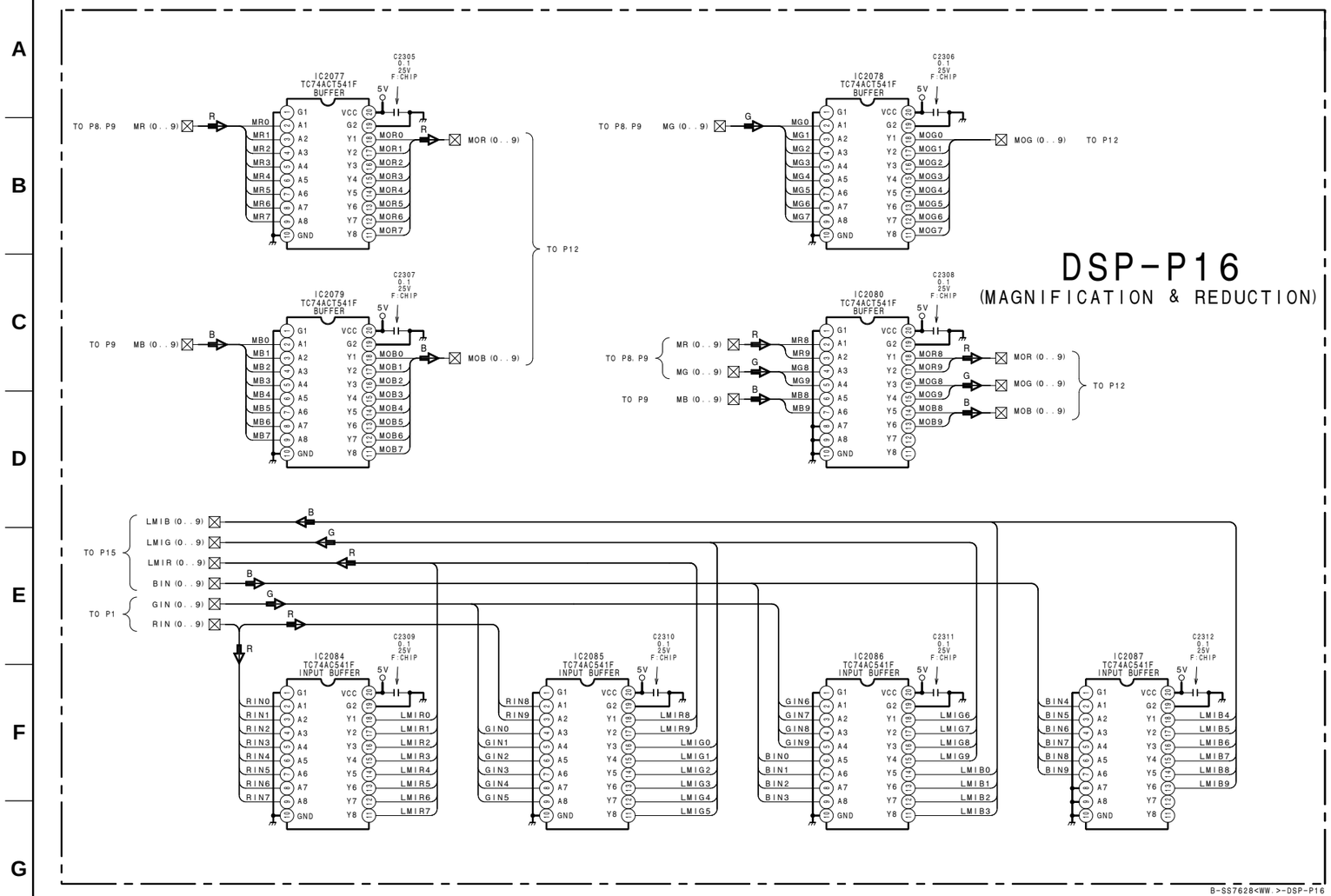
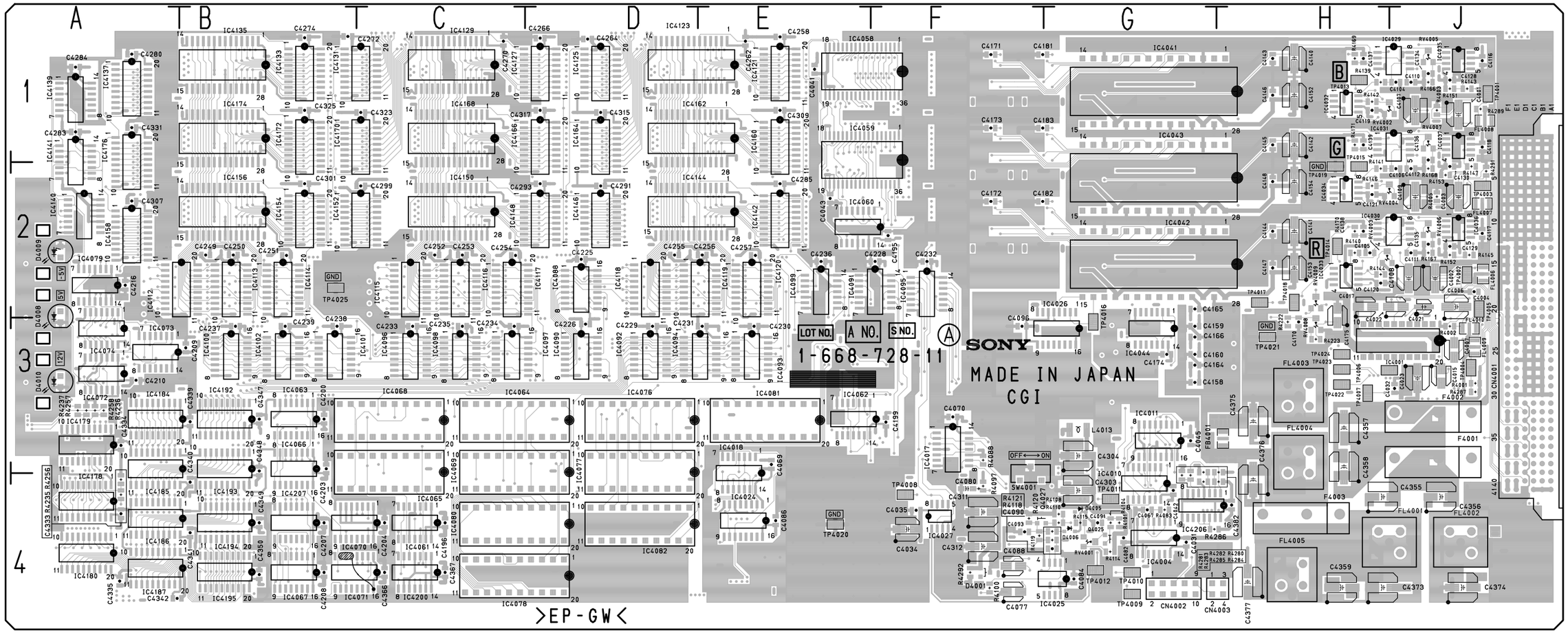


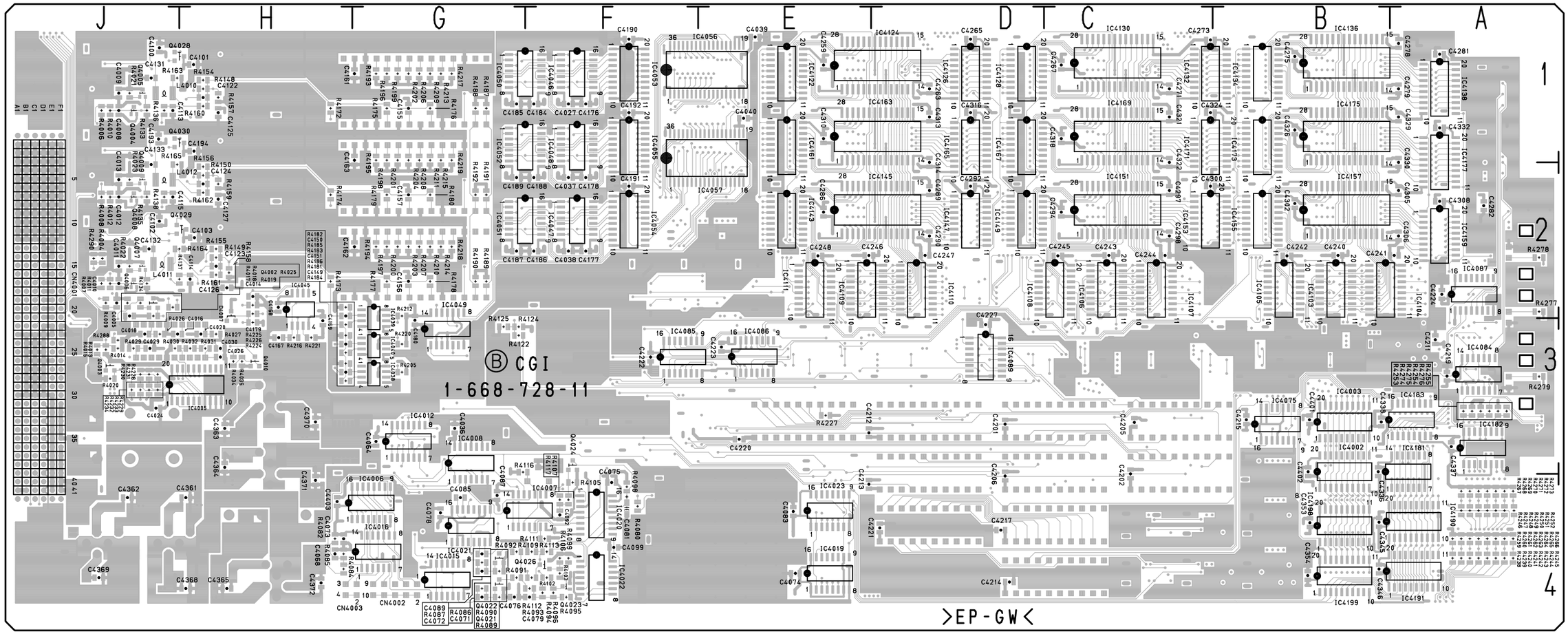


CGI BOARD
*: B SIDE

D4001	F-4	IC4022	*F-4	IC4049	*G-3	IC4075	*B-3	IC4102	B-3	IC4128	*D-1	IC4154	B-2	IC4180	A-4	Q4008	*J-2	TP4003	J-2
D4005	G-4	IC4023	*E-4	IC4050	*G-1	IC4076	D-3	IC4103	*B-2	IC4129	C-1	IC4155	*B-2	IC4181	*A-3	Q4009	*J-2	TP4004	J-3
D4006	G-4	IC4024	E-4	IC4051	*G-2	IC4077	D-3	IC4104	*B-2	IC4130	*C-1	IC4156	B-2	IC4182	*A-3	Q4010	*H-3	TP4005	J-2
D4007	*H-2	IC4025	G-4	IC4052	*G-1	IC4078	C-4	IC4105	*B-2	IC4131	C-1	IC4157	*B-2	IC4183	*A-3	Q4021	*G-4	TP4006	H-3
D4008	A-2	IC4026	G-3	IC4053	*F-1	IC4079	A-2	IC4106	*C-2	IC4132	*C-1	IC4158	A-2	IC4184	A-3	Q4022	*G-4	TP4007	H-3
D4009	A-2	IC4027	F-4	IC4054	*F-2	IC4080	C-4	IC4107	*C-2	IC4133	B-1	IC4159	*A-2	IC4185	A-3	Q4023	*F-4	TP4008	F-4
D4010	A-3	IC4029	J-1	IC4055	*F-1	IC4081	E-3	IC4108	*C-2	IC4134	*B-1	IC4160	E-1	IC4186	A-4	Q4024	*F-3	TP4009	G-4
		IC4030	J-2	IC4056	*E-1	IC4082	D-4	IC4109	*E-2	IC4135	B-1	IC4161	*E-1	IC4187	A-4	Q4025	G-4	TP4010	G-4
IC4001	J-3	IC4031	J-1	IC4057	*E-1	IC4084	*A-3	IC4110	*D-2	IC4136	*B-1	IC4162	D-1	IC4190	*A-4	Q4026	*F-4	TP4011	G-4
IC4002	*B-3	IC4032	H-1	IC4058	E-1	IC4085	*F-3	IC4111	*E-2	IC4137	A-1	IC4163	*D-1	IC4191	*A-4	Q4027	F-4	TP4012	G-4
IC4003	*B-3	IC4033	H-2	IC4059	E-1	IC4086	*E-3	IC4112	B-2	IC4138	*A-1	IC4164	D-1	IC4192	B-3	Q4028	*H-1	TP4013	H-1
IC4004	G-4	IC4034	H-2	IC4060	E-2	IC4087	*A-2	IC4113	B-2	IC4139	A-1	IC4165	*D-1	IC4193	B-3	Q4029	*H-2	TP4014	H-2
IC4005	*H-3	IC4035	J-1	IC4061	C-4	IC4088	D-2	IC4114	B-2	IC4140	A-2	IC4166	D-1	IC4194	B-4	Q4030	*H-1	TP4015	H-2
IC4006	*G-4	IC4036	J-2	IC4062	E-3	IC4089	*D-3	IC4115	C-2	IC4141	A-1	IC4167	*D-1	IC4195	B-4			TP4016	G-3
IC4007	*F-4	IC4037	J-1	IC4063	B-3	IC4090	D-3	IC4116	C-2	IC4142	E-2	IC4168	C-1	IC4198	*B-4	RV4001	G-4	TP4017	H-2
IC4008	*G-3	IC4038	*G-3	IC4064	C-3	IC4091	F-2	IC4117	C-2	IC4143	*E-2	IC4169	*C-1	IC4199	*B-4	RV4002	H-1	TP4018	H-2
IC4010	G-4	IC4039	*G-2	IC4065	C-3	IC4092	D-3	IC4118	D-2	IC4144	D-2	IC4170	C-1	IC4200	C-4	RV4003	H-2	TP4019	H-2
IC4011	G-3	IC4040	*G-3	IC4066	B-3	IC4093	E-3	IC4119	E-2	IC4145	*D-2	IC4171	*C-1	IC4206	G-4	RV4004	H-2	TP4020	E-4
IC4012	*G-3	IC4041	G-1	IC4067	B-4	IC4094	E-3	IC4120	E-2	IC4146	D-2	IC4172	B-1	IC4207	B-4	RV4005	J-1	TP4021	H-3
IC4015	*G-4	IC4042	G-2	IC4068	C-3	IC4095	F-2	IC4121	E-1	IC4147	*D-2	IC4173	*B-1			RV4006	J-2	TP4022	H-3
IC4016	*G-4	IC4043	G-2	IC4069	E-3	IC4096	C-3	IC4122	*E-1	IC4148	D-2	IC4174	B-1	Q4002	*J-2	RV4007	J-1	TP4023	H-3
IC4017	F-3	IC4044	G-3	IC4070	B-4	IC4097	C-3	IC4123	D-1	IC4149	*D-2	IC4175	*B-1	Q4003	*J-3	RV4008	H-3	TP4024	H-3
IC4018	E-3	IC4045	*H-2	IC4071	B-4	IC4098	C-3	IC4124	*D-1	IC4150	C-2	IC4176	A-1	Q4004	*J-1	RV4009	H-2	TP4025	B-2
IC4019	*E-4	IC4046	*F-1	IC4072	A-3	IC4099	E-2	IC4125	D-1	IC4151	*C-2	IC4177	*A-2	Q4005	*J-1				
IC4020	*F-4	IC4047	*F-2	IC4073	A-3	IC4100	B-3	IC4126	*D-1	IC4152	C-2	IC4178	A-4	Q4006	*J-2	TP4001	J-1		
IC4021	*G-4	IC4048	*F-1	IC4074	A-3	IC4101	B-3	IC4127	D-1	IC4153	*C-2	IC4179	A-3	Q4007	*J-2	TP4002	J-2		

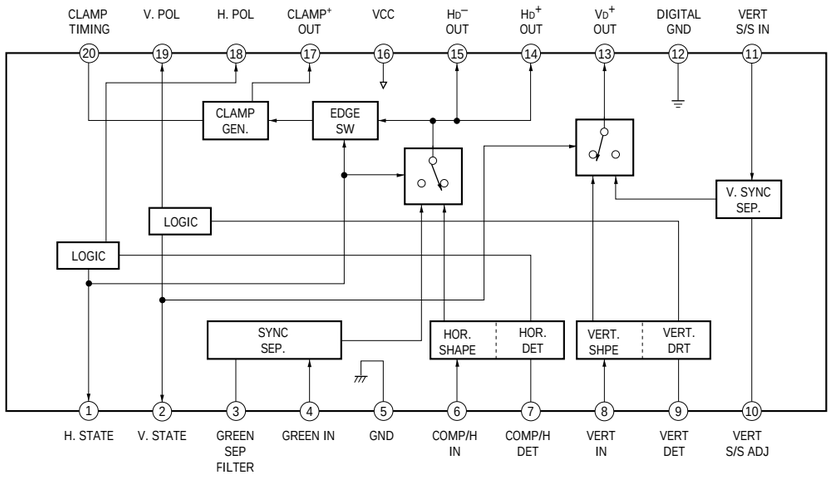
CGI – A SIDE –

SUFFIX: -11

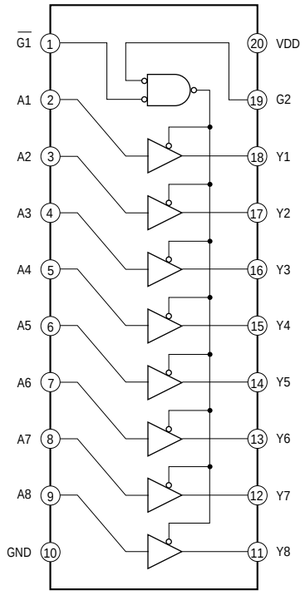


CGI – B SIDE –
SUFFIX: -11

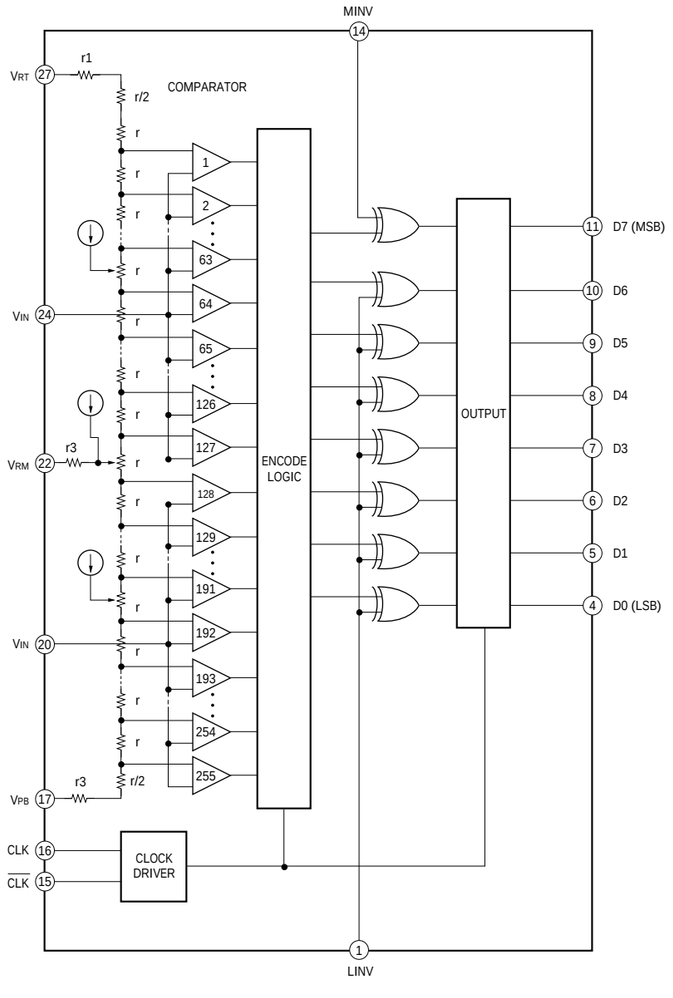
CGI-P1 BOARD IC4001 M52346SP



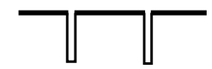
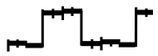
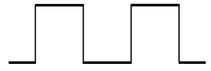
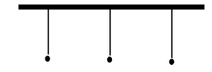
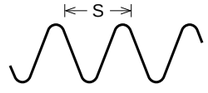
CGI-P1, P14 BOARD IC4003, 4005, 4179, 4192-4195, 4198, 4199 TC74AC541F

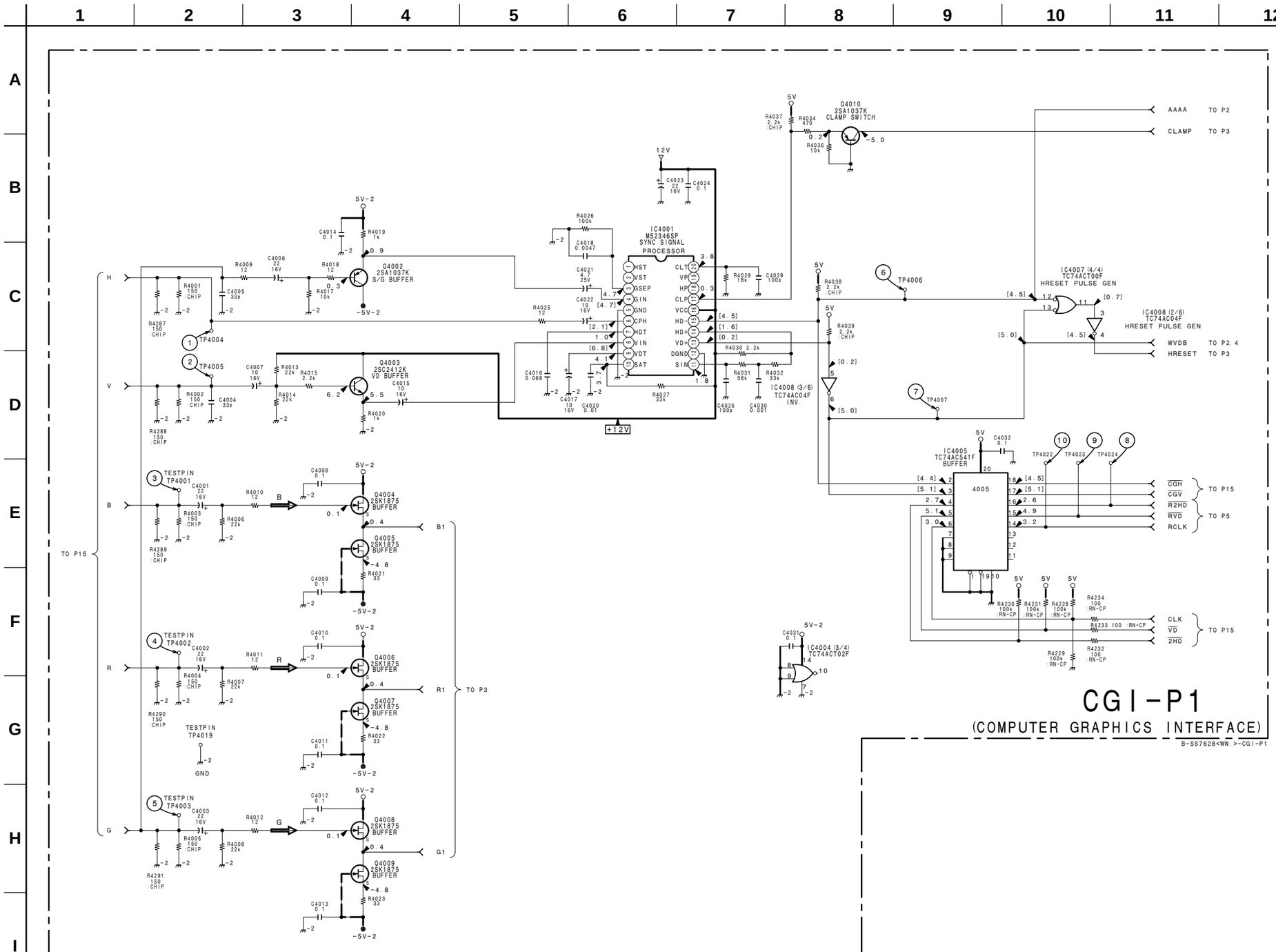


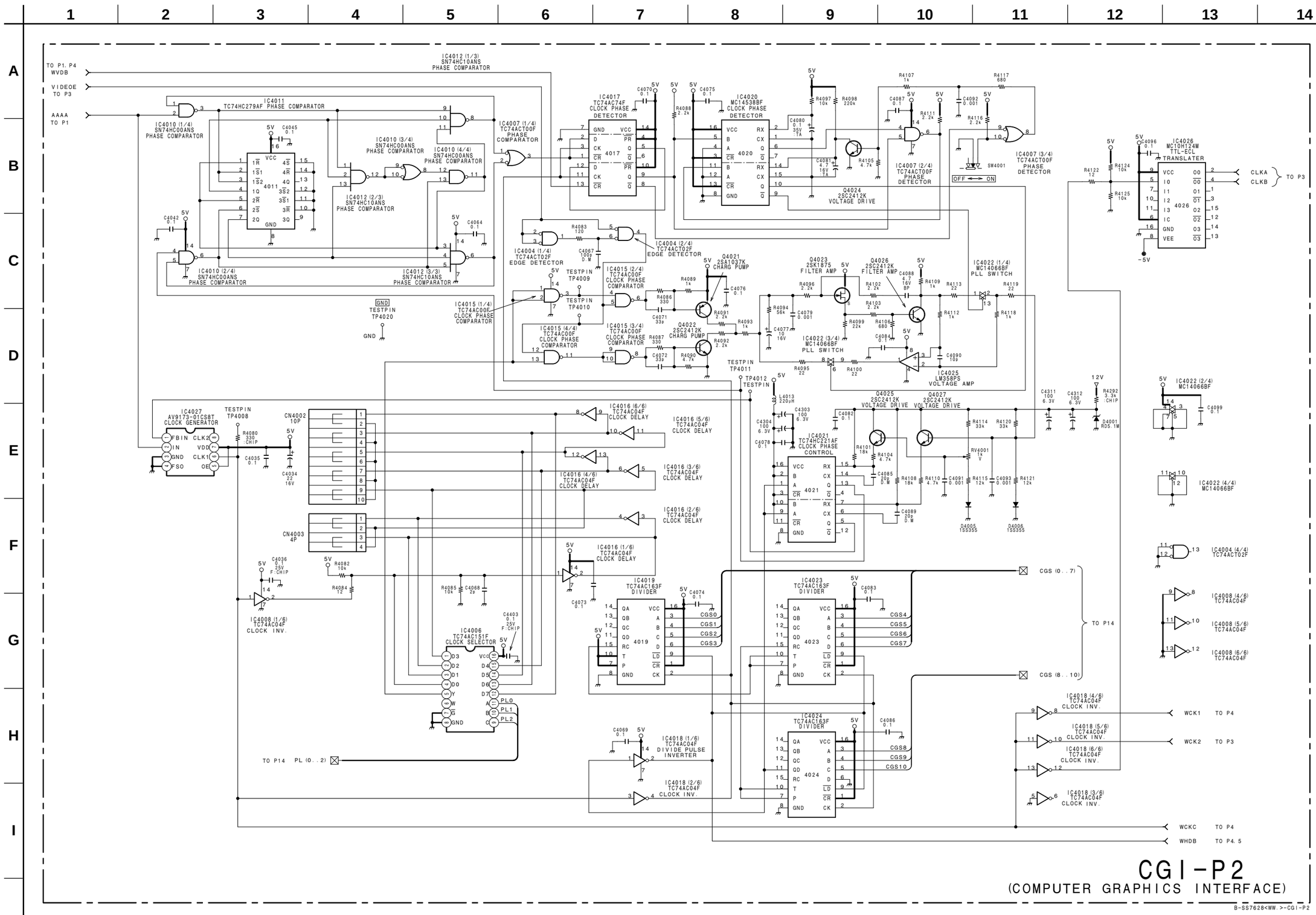
CGI-P3 BOARD IC4041-4043 CXA1386P

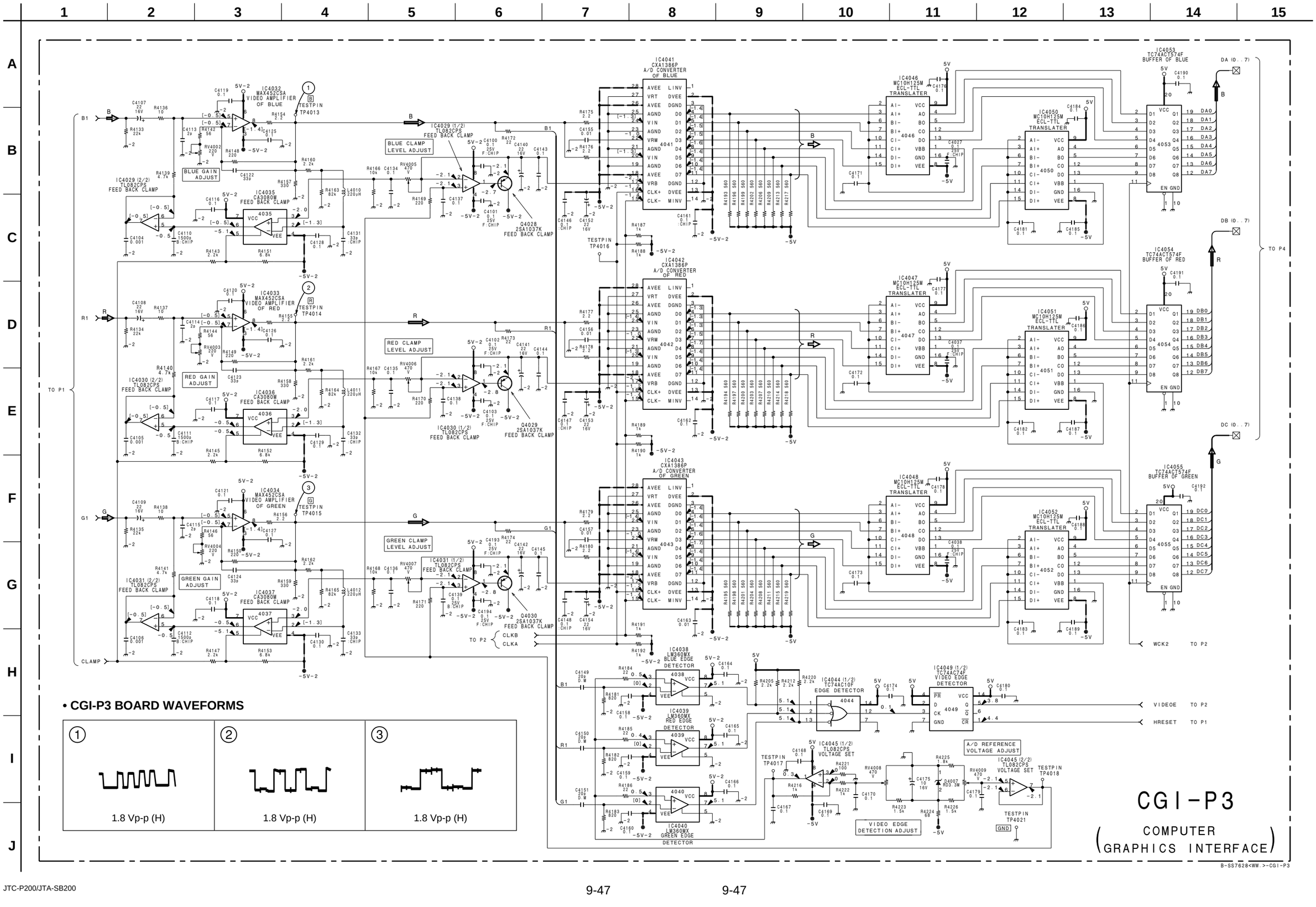


• CGI-P1 BOARD WAVEFORMS

①  2.0 Vp-p (H)	② 1.9 Vp-p (V)
③ 0.7 Vp-p (H)	④ 0.7 Vp-p (H)
⑤  0.7 Vp-p (H)	⑥ 4.7 Vp-p (H)
⑦ 4.7 Vp-p (V)	⑧  4.7 Vp-p (H)
⑨  4.7 Vp-p (V)	⑩  2.3 Vp-p (34.4 nsec)


1 2 3 4 5 6 7 8 9 10 11 12
A B C D E F G H I
IC4001 M52346SP SYNC SIGNAL PROCESSOR
HST VST GSEP GIN GND CPH HDT VIN VDT SAT
CLT VP HP CLP VCC HD- HD+ VD- VD+ DGND SIN
Q4002 2SA1037K S/G BUFFER
Q4003 2SC2412K VD BUFFER
Q4004 2SK1875 BUFFER
Q4005 2SK1875 BUFFER
Q4006 2SK1875 BUFFER
Q4007 2SK1875 BUFFER
Q4008 2SK1875 BUFFER
Q4009 2SK1875 BUFFER
Q4010 2SA1037K CLAMP SWITCH
IC4008 (3/6) TC74AC04F INV.
IC4007 (4/4) TC74ACT00F HRESET PULSE GEN
IC4008 (2/6) TC74AC04F HRESET PULSE GEN
IC4005 TC74AC541F BUFFER
IC4004 (3/4) TC74ACT02F
TP4001 TESTPIN
TP4002 TESTPIN
TP4003 TESTPIN
TP4004
TP4005
TP4006
TP4007
TP4019 TESTPIN
TP4022 TP4023 TP4024
+12V
5V
5V-2
-5V-2
12V
GND
H V B R G
B1 R1 G1
AAAA TO P2
CLAMP TO P3
WVDB TO P2.4
HRESET TO P3
CGH CGV R2HD RVD RCLK TO P15 TO P5
CLK VD 2HD TO P15
TO P15 TO P3
CGI-P1
(COMPUTER GRAPHICS INTERFACE)
B-SS7628<WW.>-CGI-P1


TO P1, P4 WVDB
VIDEOE TO P3
AAAA TO P1
IC4011 TC74HC279AF PHASE COMPARATOR
IC4010 (1/4) SN74HC00ANS PHASE COMPARATOR
IC4010 (2/4) SN74HC00ANS PHASE COMPARATOR
IC4010 (3/4) SN74HC00ANS PHASE COMPARATOR
IC4010 (4/4) SN74HC00ANS PHASE COMPARATOR
IC4012 (1/3) SN74HC10ANS PHASE COMPARATOR
IC4012 (2/3) SN74HC10ANS PHASE COMPARATOR
IC4012 (3/3) SN74HC10ANS PHASE COMPARATOR
IC4007 (1/4) TC74ACT00F PHASE COMPARATOR
IC4007 (2/4) TC74ACT00F PHASE DETECTOR
IC4007 (3/4) TC74ACT00F PHASE DETECTOR
IC4017 TC74AC74F CLOCK PHASE DETECTOR
IC4020 MC14538BF CLOCK PHASE DETECTOR
Q4024 2SC2412K VOLTAGE DRIVE
SW4001
IC4026 MC10H124M TTL-ECL TRANSLATER
CLKA
CLKB
TO P3
IC4004 (1/4) TC74ACT02F EDGE DETECTOR
IC4004 (2/4) TC74ACT02F EDGE DETECTOR
IC4004 (4/4) TC74ACT02F
IC4015 (1/4) TC74AC00F CLOCK PHASE COMPARATOR
IC4015 (2/4) TC74AC00F CLOCK PHASE COMPARATOR
IC4015 (3/4) TC74AC00F CLOCK PHASE COMPARATOR
IC4015 (4/4) TC74AC00F CLOCK PHASE COMPARATOR
TESTPIN TP4009
TESTPIN TP4010
TESTPIN TP4020
GND
Q4021 2SA1037K CHARG PUMP
Q4022 2SC2412K CHARG PUMP
Q4023 2SK1875 FILTER AMP
Q4026 2SC2412K FILTER AMP
IC4022 (1/4) MC14066BF PLL SWITCH
IC4022 (2/4) MC14066BF
IC4022 (3/4) MC14066BF PLL SWITCH
IC4022 (4/4) MC14066BF
IC4025 LM358FS VOLTAGE AMP
TESTPIN TP4011
TESTPIN TP4012
IC4027 AV9173-01CSBT CLOCK GENERATOR
TESTPIN TP4008
CN4002 10P
CN4003 4P
IC4016 (6/6) TC74AC04F CLOCK DELAY
IC4016 (5/6) TC74AC04F CLOCK DELAY
IC4016 (4/6) TC74AC04F CLOCK DELAY
IC4016 (3/6) TC74AC04F CLOCK DELAY
IC4016 (2/6) TC74AC04F CLOCK DELAY
IC4016 (1/6) TC74AC04F CLOCK DELAY
IC4021 TC74HC221AF CLOCK PHASE CONTROL
Q4025 2SC2412K VOLTAGE DRIVE
Q4027 2SC2412K VOLTAGE DRIVE
D4001 RD5.1M
D4005 1SS355
D4006 1SS355
IC4008 (1/6) TC74AC04F CLOCK INV.
IC4008 (2/6) TC74AC04F CLOCK INV.
IC4008 (3/6) TC74AC04F CLOCK INV.
IC4008 (4/6) TC74AC04F
IC4008 (5/6) TC74AC04F
IC4008 (6/6) TC74AC04F
IC4006 TC74AC151F CLOCK SELECTOR
IC4019 TC74AC163F DIVIDER
IC4023 TC74AC163F DIVIDER
IC4024 TC74AC163F DIVIDER
CGS0
CGS1
CGS2
CGS3
CGS4
CGS5
CGS6
CGS7
CGS8
CGS9
CGS10
CGS (0..7)
CGS (8..10)
TO P14
PL0
PL1
PL2
TO P14 PL (0..2)
IC4018 (1/6) TC74AC04F DIVIDE PULSE INVERTER
IC4018 (2/6) TC74AC04F CLOCK INV.
IC4018 (3/6) TC74AC04F CLOCK INV.
IC4018 (4/6) TC74AC04F CLOCK INV.
IC4018 (5/6) TC74AC04F CLOCK INV.
IC4018 (6/6) TC74AC04F CLOCK INV.
WCK1 TO P4
WCK2 TO P3
WCKC TO P4
WHDB TO P4, 5
CGI-P2
(COMPUTER GRAPHICS INTERFACE)
B-SS7628<WW.>-CGI-P2



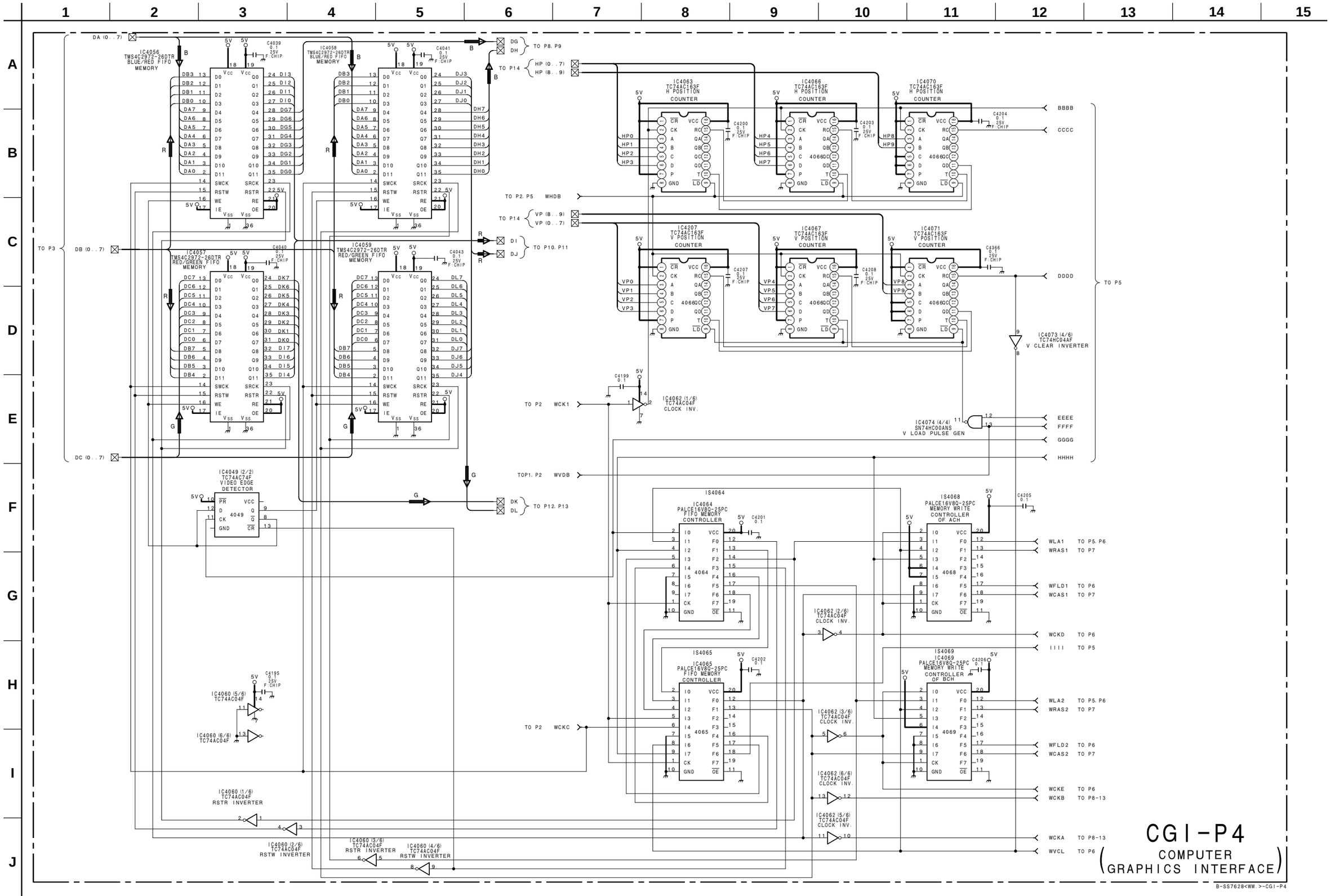
• CGI-P3 BOARD WAVEFORMS

①	②	③
1.8 Vp-p (H)	1.8 Vp-p (H)	1.8 Vp-p (H)

CGI-P3

COMPUTER GRAPHICS INTERFACE

B-SS7628<WW.>-CGI-P3


IC4056 TMS4C2972-26DTR BLUE/RED FIFO MEMORY
IC4058 TMS4C2972-26DTR BLUE/RED FIFO MEMORY
IC4057 TMS4C2972-26DTR RED/GREEN FIFO MEMORY
IC4059 TMS4C2972-26DTR RED/GREEN FIFO MEMORY
IC4063 TC74AC163F H POSITION COUNTER
IC4066 TC74AC163F H POSITION COUNTER
IC4070 TC74AC163F H POSITION COUNTER
IC4207 TC74AC163F V POSITION COUNTER
IC4067 TC74AC163F V POSITION COUNTER
IC4071 TC74AC163F V POSITION COUNTER
IC4049 (2/2) TC74AC74F VIDEO EDGE DETECTOR
IC4062 (1/6) TC74AC04F CLOCK INV.
IC4073 (4/6) TC74HC04AF V CLEAR INVERTER
IC4074 (4/4) SN74HC00ANS V LOAD PULSE GEN
IS4064 IC4064 PALCE16V8Q-25PC FIFO MEMORY CONTROLLER
IS4065 IC4065 PALCE16V8Q-25PC FIFO MEMORY CONTROLLER
IS4068 PALCE16V8Q-25PC MEMORY WRITE CONTROLLER OF ACH
IS4069 IC4069 PALCE16V8Q-25PC MEMORY WRITE CONTROLLER OF BCH
IC4062 (2/6) TC74AC04F CLOCK INV.
IC4062 (3/6) TC74AC04F CLOCK INV.
IC4062 (6/6) TC74AC04F CLOCK INV.
IC4062 (5/6) TC74AC04F CLOCK INV.
IC4060 (5/6) TC74AC04F
IC4060 (6/6) TC74AC04F
IC4060 (1/6) TC74AC04F RSTR INVERTER
IC4060 (2/6) TC74AC04F RSTW INVERTER
IC4060 (3/6) TC74AC04F RSTR INVERTER
IC4060 (4/6) TC74AC04F RSTW INVERTER
DA (0..7)
DB (0..7)
DC (0..7)
TO P3
DG
DH
TO P8, P9
HP (0..7)
HP (8..9)
TO P14
VP (8..9)
VP (0..7)
DI
DJ
TO P10, P11
DK
DL
TO P12, P13
TO P2, P5 WHDB
TO P2 WCK1
TOP1, P2 WVDB
TO P2 WCKC
BBBB
CCCC
DDDD
EEEE
FFFF
GGGG
HHHH
TO P5
WLA1 TO P5, P6
WRAS1 TO P7
WFLD1 TO P6
WCAS1 TO P7
WCKD TO P6
IIII TO P5
WLA2 TO P5, P6
WRAS2 TO P7
WFLD2 TO P6
WCAS2 TO P7
WCKE TO P6
WCKB TO P8-13
WCKA TO P8-13
WVCL TO P6
CGI-P4
COMPUTER GRAPHICS INTERFACE
B-SS7628<WW.>-CGI-P4

1 2 3 4 5 6 7 8 9 10 11

A B C D E F G H I J

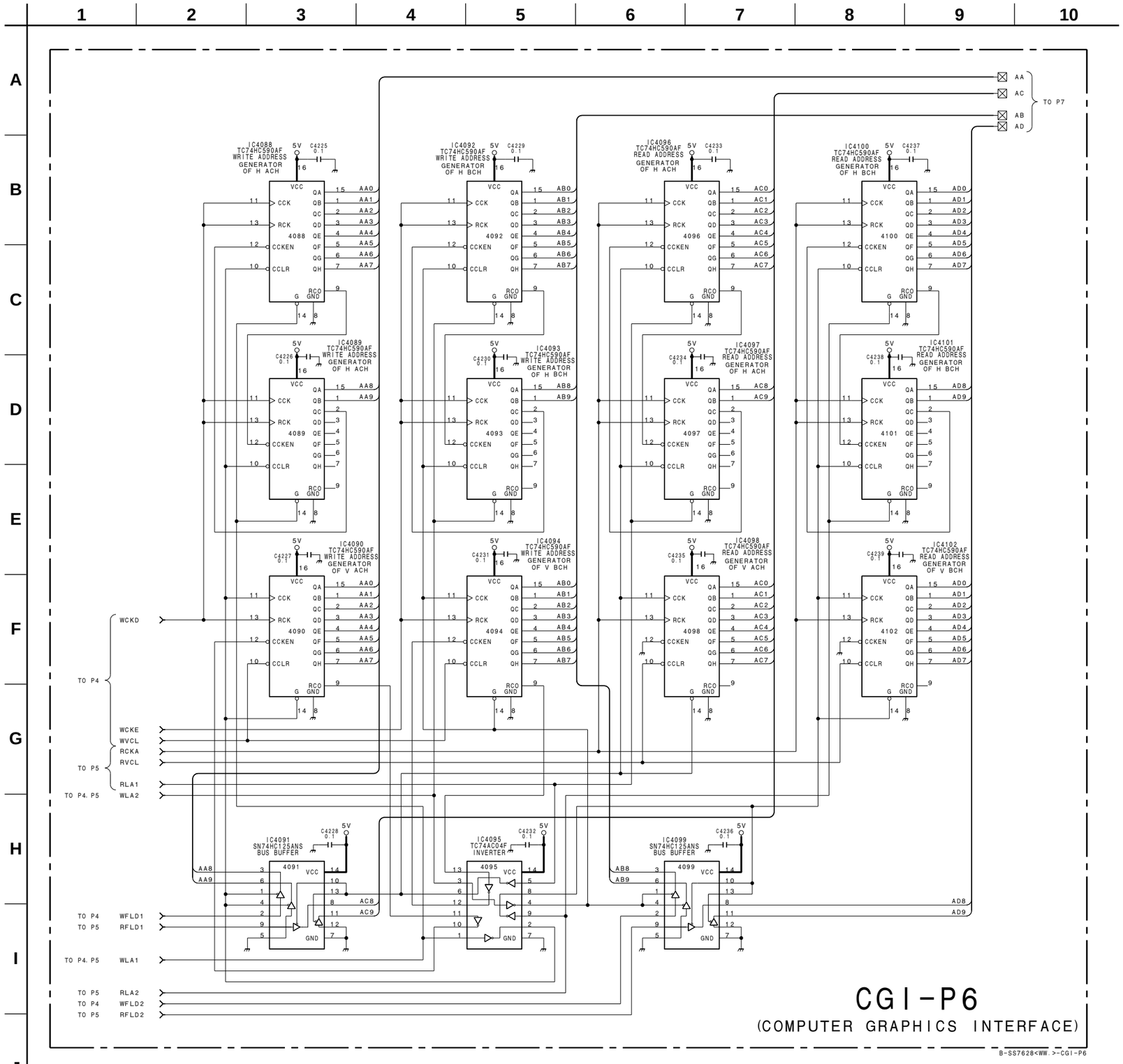
C4209 0.1 5V
IC4073 (1/6) TC74HC04AF R2HD INVERTER
IC4072 SN74HC74ANS R2HD LATCHES
C4210 0.1 5V
IC4073 (3/6) TC74HC04AF RVD INVERTER
C4211 0.1 5V
IC4073 (2/6) TC74HC04AF 2HD PULSE GEN
IC4074 (1/4) SN74HC00ANS 2HD PULSE GEN
IC4079 SN74HC74ANS HD PULSE GENERATOR
C4216 0.1 5V
IC4074 (2/4) SN74HC00ANS HD PULSE GENERATOR
IC4074 (3/4) SN74HC00ANS HD PULSE GENERATOR
IC4061 SN74HC74ANS R2HD DELAY
C4196 0.1 25V F.CHIP 5V
IC4075 SN74HC74ANS ODD/EVEN GENERATOR
C4215 0.1 5V
C4219 0.1 5V
IC4084 (1/6) TC74AC04F CLOCK INV.
IC4084 (3/6) TC74AC04F CLOCK INV.
IC4084 (4/6) TC74AC04F CLOCK INV.
IC4084 (5/6) TC74AC04F CLOCK INV.
IC4084 (6/6) TC74AC04F CLOCK INV.
IC4200 SN74HC74ANS V LOAD PULSE GEN
C4367 0.1 25V F.CHIP 5V
IC4076 PALCE16V8Q-25PC IS4076 CONTROLLER OF BCH
C4212 0.1 5V
IC4085 TC74ACT139F WRITE MEMORY SELECTER
C4222 0.1 5V
IS4078 IC4077 PALCE16V8Q-25PC MEMORY READ CONTROLLER OF ACH
C4213 0.1 5V
R4227 1k 5V
IS4081 IC4081 PALCE16V8Q-25PC FRAME SYNCHRONIZER
C4220 0.1 5V
IC4086 TC74ACT139F WRITE MEMORY SELECTER
C4223 0.1 5V
IS4078 IC4078 PALCE16V8Q-25PC FRAM SYNCHRONIZER
C4214 0.1 5V
IS4080 IC4080 PALCE16V8Q-25PC FRATE SYNCHRONIZER
C4217 0.1 5V
IS4082 IC4082 PALCE16V8Q-25PC FRAME SYNCHRONIZER
C4221 0.1 5V
IC4087 TC74ACT139F READ MEMORY SELECTER
C4224 0.1 5V

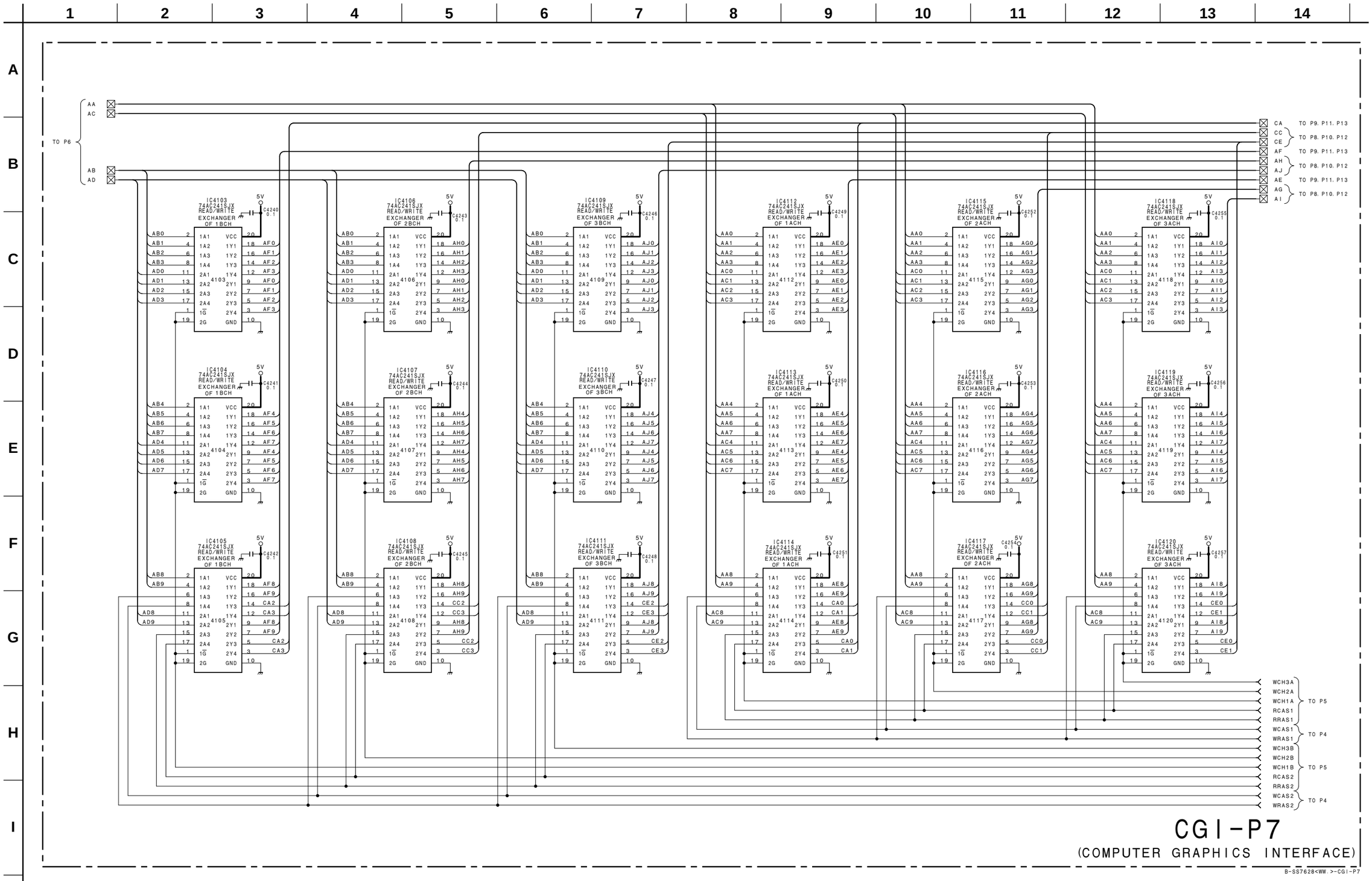
TO P4 CCCC BBBB
TO P2. P4 WHDB
TO P4 DDDD HHHH EEEE FFFF GGGG
TO P4. P6 WLA1 WLA2
TO P4 IIII

RCLK R2HD RVD TO P1
RHD TO P9
RCK1 TO P1. P11. P13
RCK2 RCK3 TO P8-10. P12
RCKA RLA2 TO P6
RRAS2 TO P7
RFLD2 TO P6
RCAS2 TO P7
RLA1 TO P6
RRAS1 TO P7
RFLD1 TO P6
RCAS1 TO P7
WE1A WE2A WE3A TO P9. P11. P13 / TO P8. P10. P12
WE1B WE2B WE3B TO P9. P11. P13 / TO P8. P10. P12
WCH1A WCH2A WCH3A WCH1B WCH2B WCH3B TO P7
RCH1 RCH2 RCH3 TO P9
RVCL TO P6

CGI-P5
(COMPUTER GRAPHICS INTERFACE)

B-SS7628<WW.>-CGI-P5

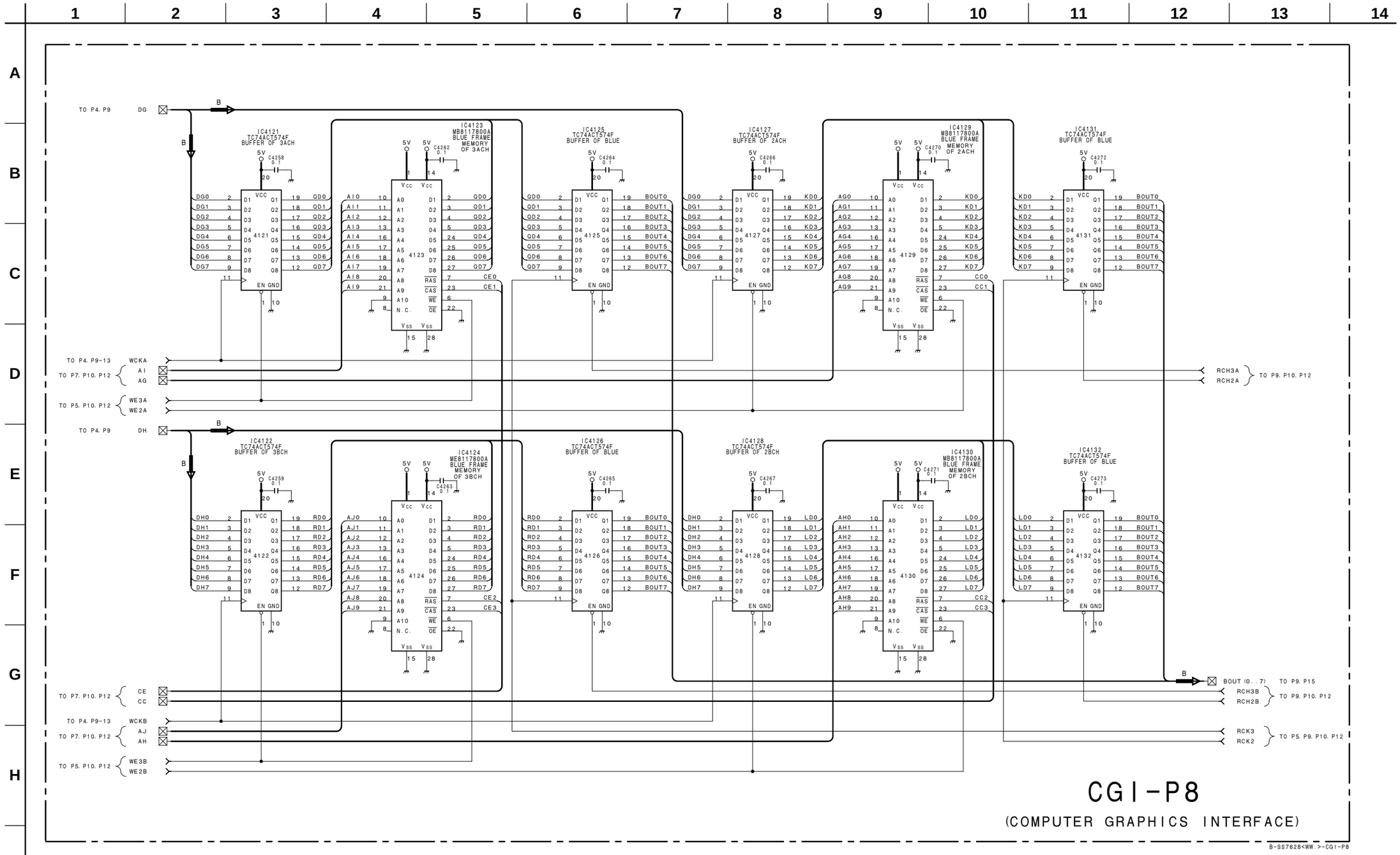

1 2 3 4 5 6 7 8 9 10
A B C D E F G H I J
IC4088 TC74HC590AF WRITE ADDRESS GENERATOR OF H ACH
IC4089 TC74HC590AF WRITE ADDRESS GENERATOR OF H ACH
IC4090 TC74HC590AF WRITE ADDRESS GENERATOR OF V ACH
IC4091 SN74HC125ANS BUS BUFFER
IC4092 TC74HC590AF WRITE ADDRESS GENERATOR OF H BCH
IC4093 TC74HC590AF WRITE ADDRESS GENERATOR OF H BCH
IC4094 TC74HC590AF WRITE ADDRESS GENERATOR OF V BCH
IC4095 TC74AC04F INVERTER
IC4096 TC74HC590AF READ ADDRESS GENERATOR OF H ACH
IC4097 TC74HC590AF READ ADDRESS GENERATOR OF H ACH
IC4098 TC74HC590AF READ ADDRESS GENERATOR OF V ACH
IC4099 SN74HC125ANS BUS BUFFER
IC4100 TC74HC590AF READ ADDRESS GENERATOR OF H BCH
IC4101 TC74HC590AF READ ADDRESS GENERATOR OF H BCH
IC4102 TC74HC590AF READ ADDRESS GENERATOR OF V BCH
5V
C4225 0.1
C4226 0.1
C4227 0.1
C4228 0.1
C4229 0.1
C4230 0.1
C4231 0.1
C4232 0.1
C4233 0.1
C4234 0.1
C4235 0.1
C4236 0.1
C4237 0.1
C4238 0.1
C4239 0.1
VCC
GND
CCK
RCK
CCKEN
CCLR
QA QB QC QD QE QF QG QH
RCO
4088 4089 4090 4091 4092 4093 4094 4095 4096 4097 4098 4099 4100 4101 4102
AA0 AA1 AA2 AA3 AA4 AA5 AA6 AA7 AA8 AA9
AB0 AB1 AB2 AB3 AB4 AB5 AB6 AB7 AB8 AB9
AC0 AC1 AC2 AC3 AC4 AC5 AC6 AC7 AC8 AC9
AD0 AD1 AD2 AD3 AD4 AD5 AD6 AD7 AD8 AD9
AA
AC
AB
AD
TO P7
WCKD
TO P4
WCKE
WVCL
RCKA
TO P5
RVCL
RLA1
TO P4. P5 WLA2
TO P4 WFLD1
TO P5 RFLD1
TO P4. P5 WLA1
TO P5 RLA2
TO P4 WFLD2
TO P5 RFLD2
CGI-P6
(COMPUTER GRAPHICS INTERFACE)
B-SS7628<WW.>-CGI-P6

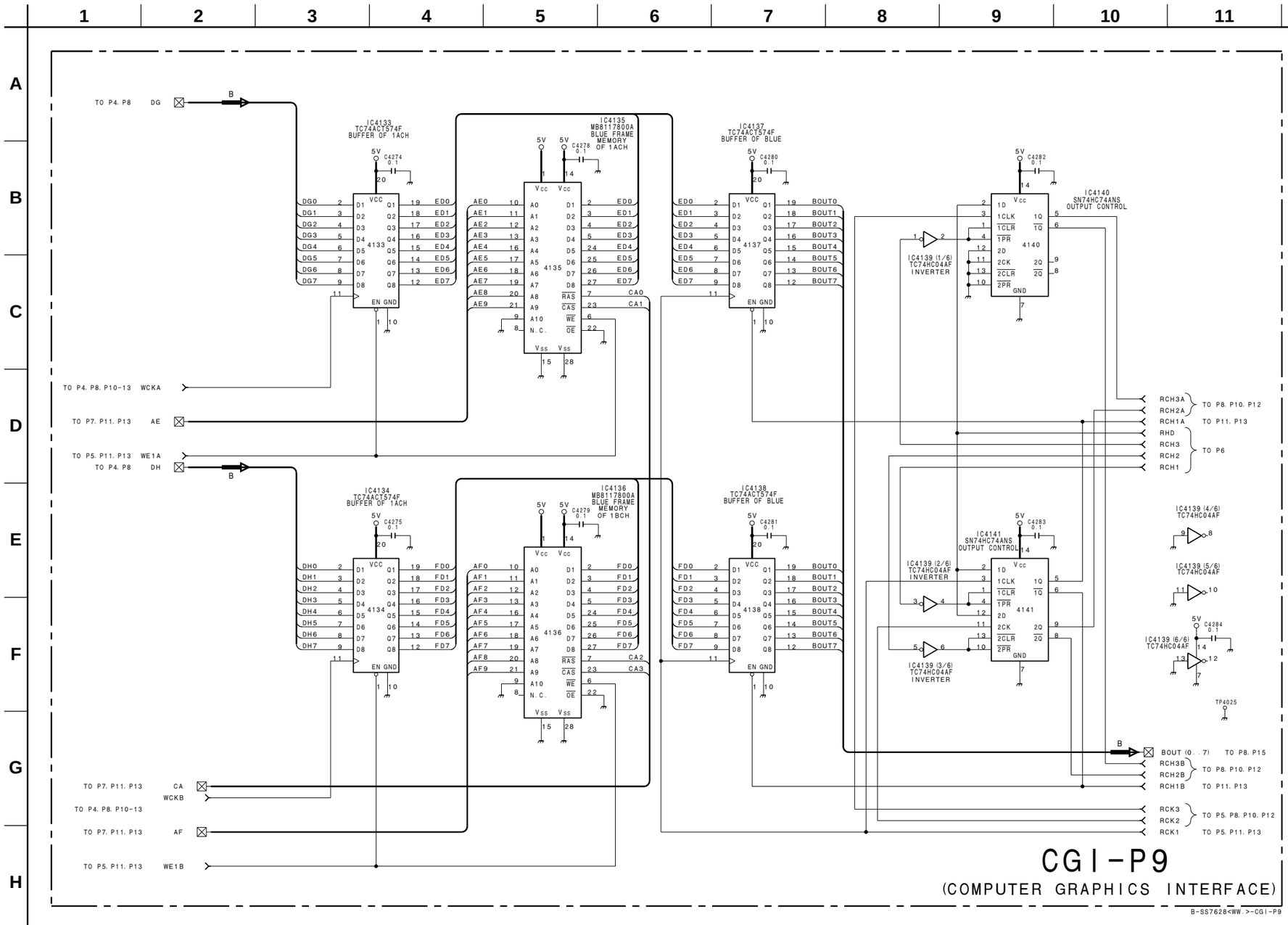

1 2 3 4 5 6 7 8 9 10 11 12 13 14
A B C D E F G H I
TO P6
AA AC AB AD
CA CC CE AF AH AJ AE AG AI
TO P9. P11. P13
TO P8. P10. P12
TO P9. P11. P13
TO P8. P10. P12
TO P9. P11. P13
TO P8. P10. P12
IC4103 IC4104 IC4105 IC4106 IC4107 IC4108 IC4109 IC4110 IC4111 IC4112 IC4113 IC4114 IC4115 IC4116 IC4117 IC4118 IC4119 IC4120
74AC241SJX READ/WRITE EXCHANGER OF 1BCH
74AC241SJX READ/WRITE EXCHANGER OF 2BCH
74AC241SJX READ/WRITE EXCHANGER OF 3BCH
74AC241SJX READ/WRITE EXCHANGER OF 1ACH
74AC241SJX READ/WRITE EXCHANGER OF 2ACH
74AC241SJX READ/WRITE EXCHANGER OF 3ACH
5V
C4240 C4241 C4242 C4243 C4244 C4245 C4246 C4247 C4248 C4249 C4250 C4251 C4252 C4253 C4254 C4255 C4256 C4257
0.1
WCH3A WCH2A WCH1A RCAS1 RRAS1 WCAS1 WRAS1 WCH3B WCH2B WCH1B RCAS2 RRAS2 WCAS2 WRAS2
TO P5
TO P4
TO P5
TO P4

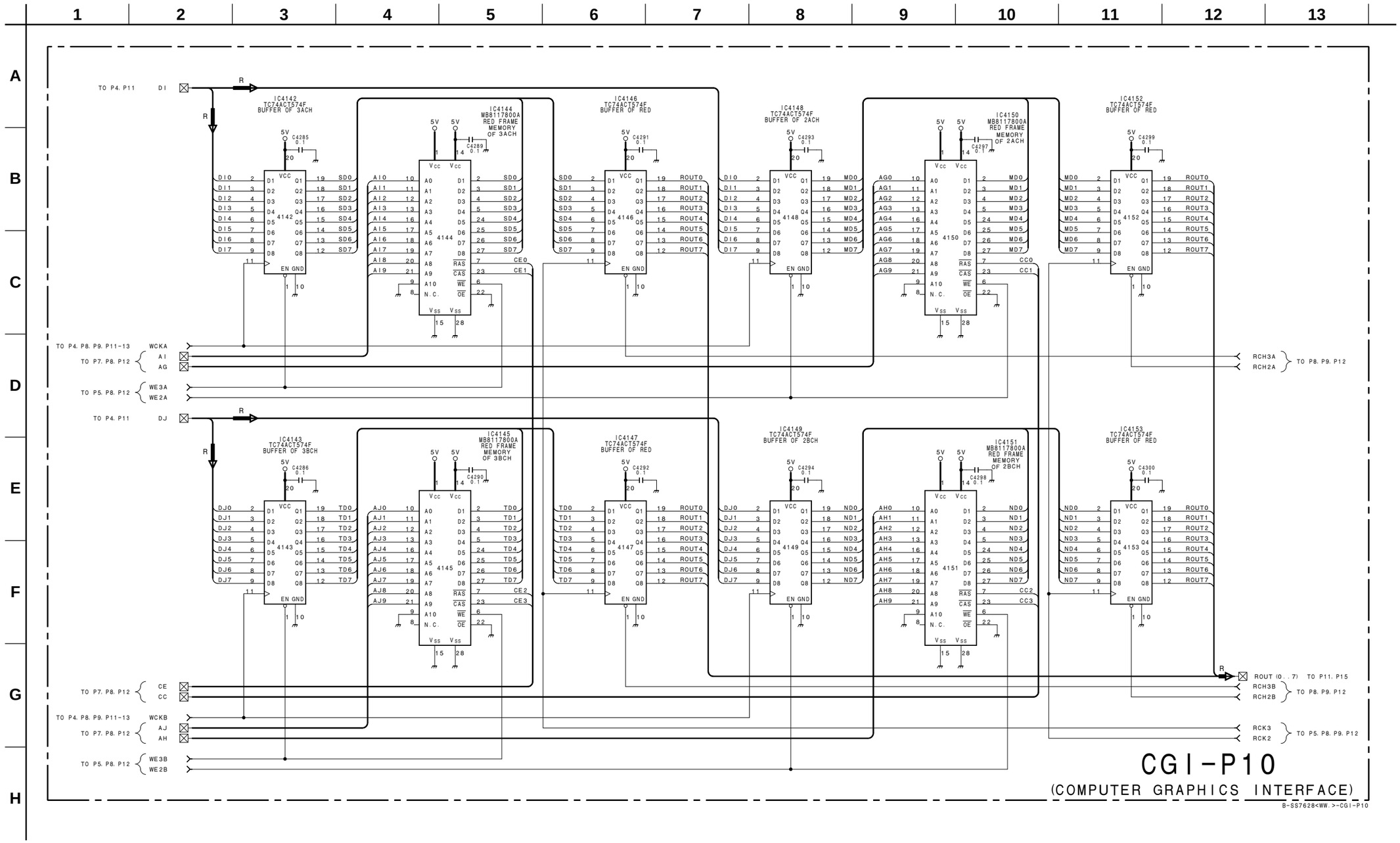
CGI-P7

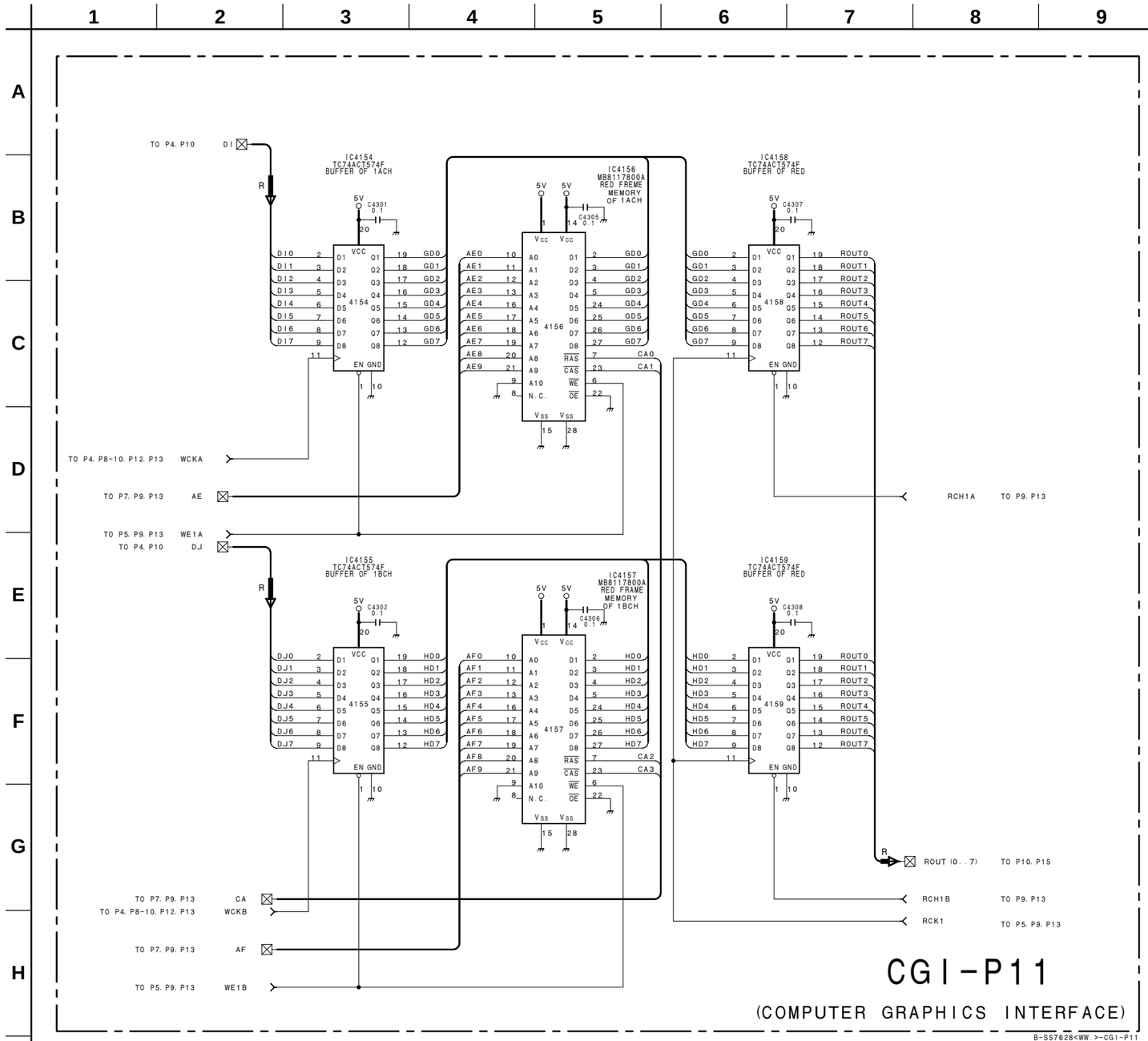
(COMPUTER GRAPHICS INTERFACE)

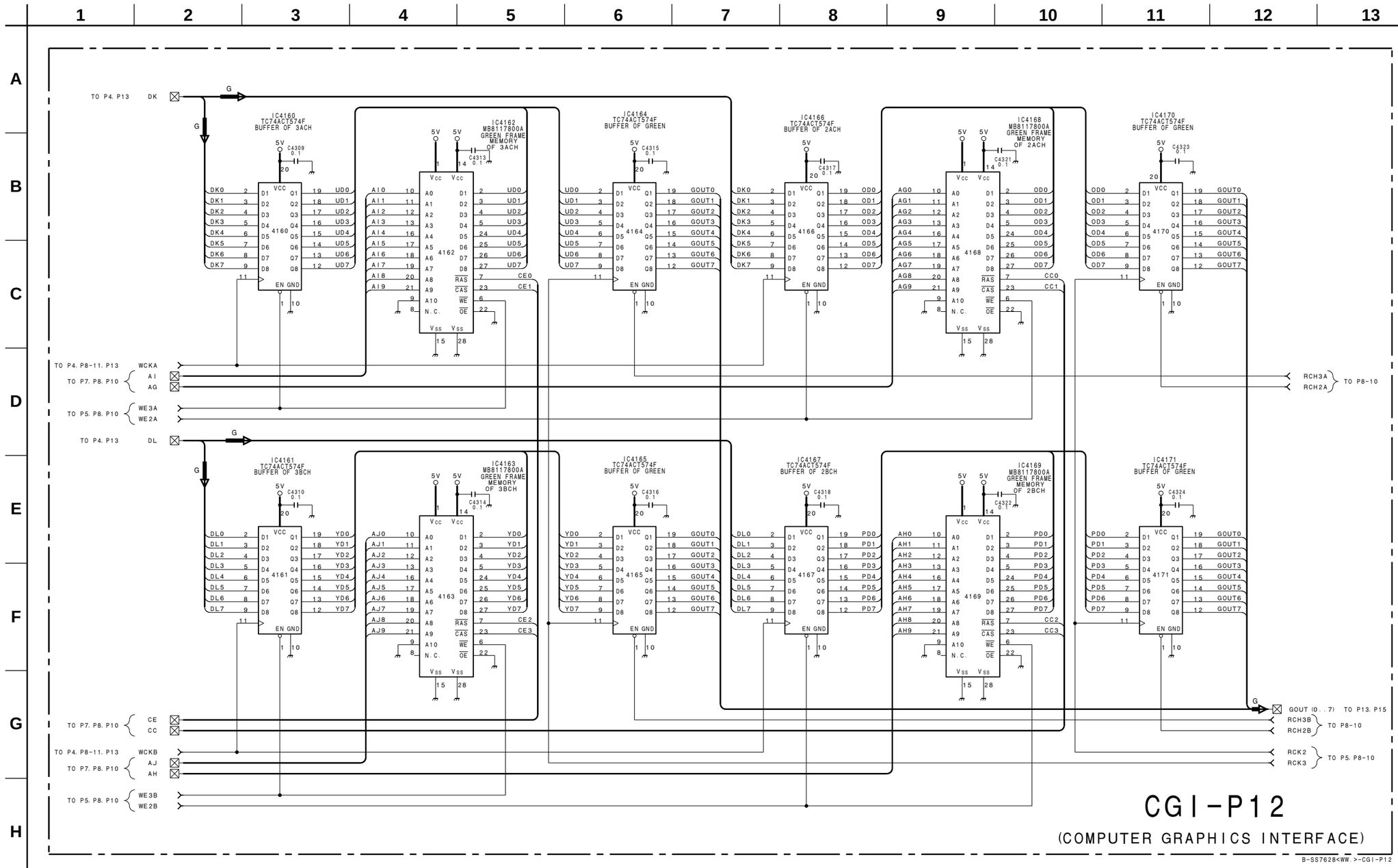
B-SS7628<WW.>-CGI-P7

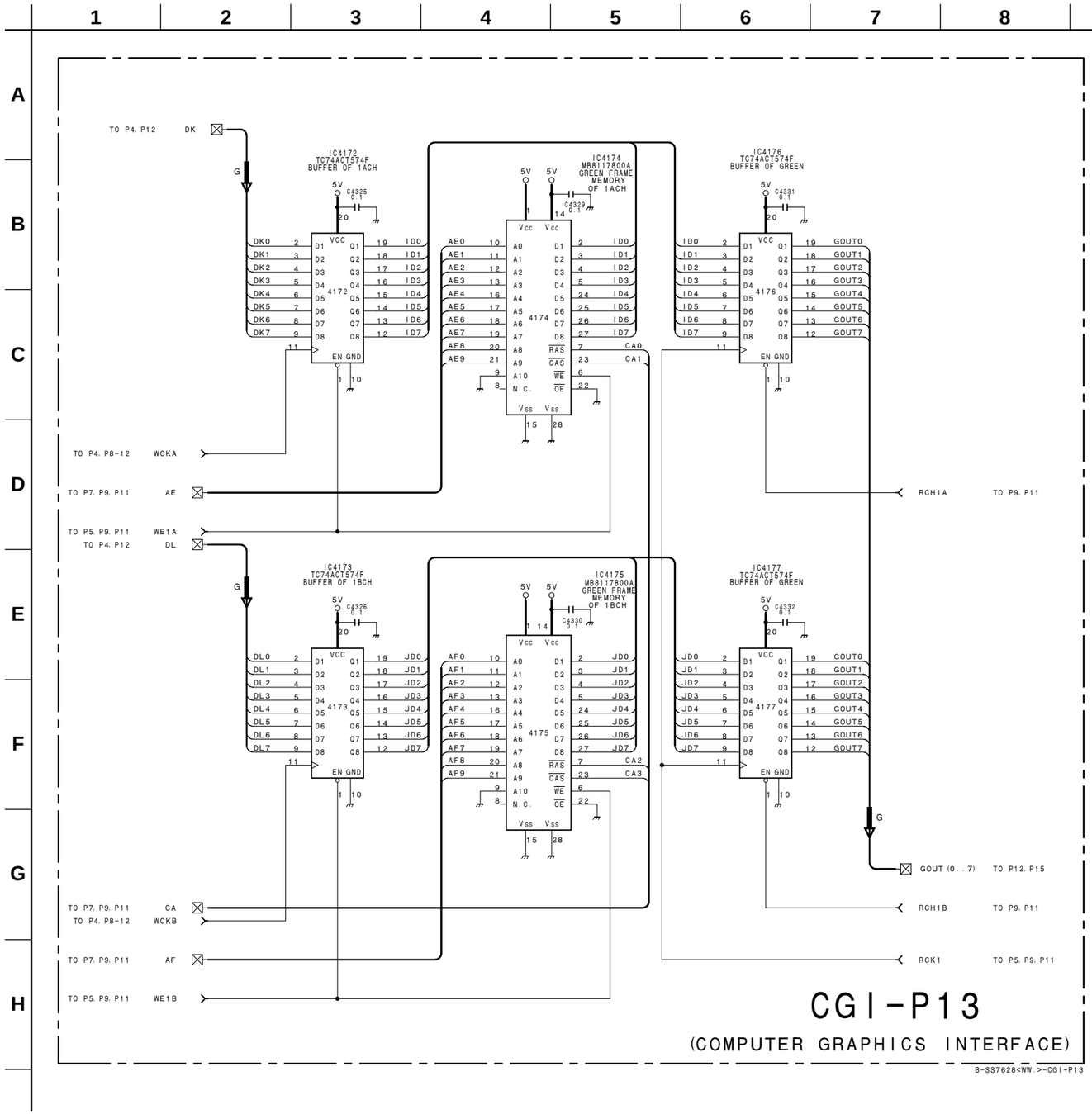

1 2 3 4 5 6 7 8 9 10 11 12 13 14
A B C D E F G H I
IC4121 TC74ACT574F BUFFER OF 3ACH
IC4123 MB8117800A BLUE FRAME MEMORY OF 3ACH
IC4125 TC74ACT574F BUFFER OF BLUE
IC4127 TC74ACT574F BUFFER OF 2ACH
IC4129 MB8117800A BLUE FRAME MEMORY OF 2ACH
IC4131 TC74ACT574F BUFFER OF BLUE
IC4122 TC74ACT574F BUFFER OF 3BCH
IC4124 ME8117800A BLUE FRAME MEMORY OF 3BCH
IC4126 TC74ACT574F BUFFER OF BLUE
IC4128 TC74ACT574F BUFFER OF 2BCH
IC4130 MB8117800A BLUE FRAME MEMORY OF 2BCH
IC4132 TC74ACT574F BUFFER OF BLUE
TO P4. P9 DG
TO P4. P9 DH
TO P4. P9-13 WCKA
TO P7. P10. P12 AI
AG
TO P5. P10. P12 WE3A
WE2A
TO P7. P10. P12 CE
CC
TO P4. P9-13 WCKB
TO P7. P10. P12 AJ
AH
TO P5. P10. P12 WE3B
WE2B
RCH3A
RCH2A
TO P9. P10. P12
BOUT (0..7) TO P9. P15
RCH3B
RCH2B
TO P9. P10. P12
RCK3
RCK2
TO P5. P9. P10. P12
CGI-P8
(COMPUTER GRAPHICS INTERFACE)
B-SS7628<WW.>-CGI-P8

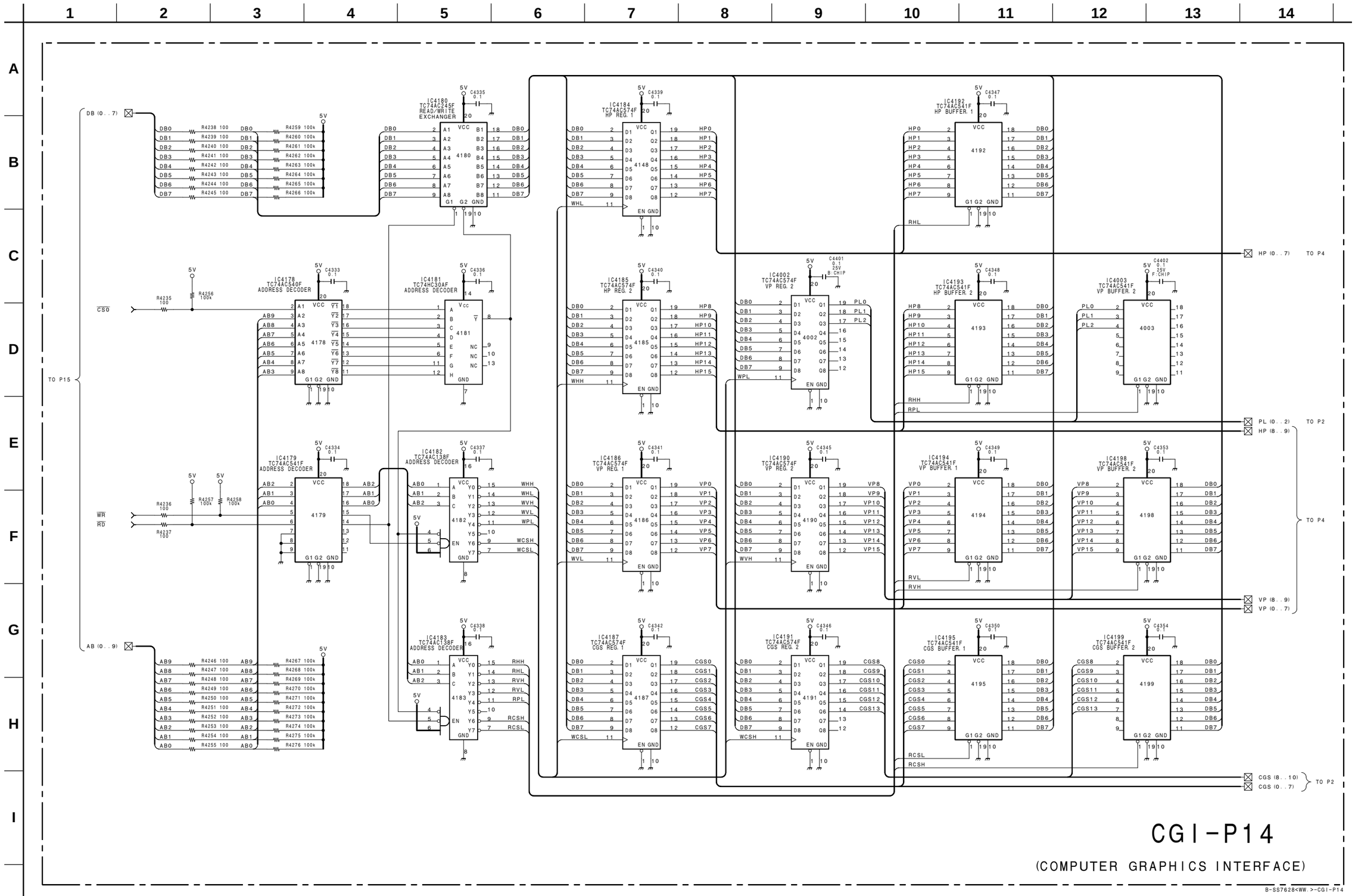

1 2 3 4 5 6 7 8 9 10 11
A B C D E F G H
TO P4. P8 DG
B
IC4133 TC74ACT574F BUFFER OF 1ACH
IC4135 MB8117800A BLUE FRAME MEMORY OF 1ACH
IC4137 TC74ACT574F BUFFER OF BLUE
IC4140 SN74HC74ANS OUTPUT CONTROL
IC4139 (1/6) TC74HC04AF INVERTER
TO P4. P8. P10-13 WCKA
TO P7. P11. P13 AE
TO P5. P11. P13 WE1A
TO P4. P8 DH
IC4134 TC74ACT574F BUFFER OF 1ACH
IC4136 MB8117800A BLUE FRAME MEMORY OF 1BCH
IC4138 TC74ACT574F BUFFER OF BLUE
IC4141 SN74HC74ANS OUTPUT CONTROL
IC4139 (2/6) TC74HC04AF INVERTER
IC4139 (3/6) TC74HC04AF INVERTER
IC4139 (4/6) TC74HC04AF
IC4139 (5/6) TC74HC04AF
IC4139 (6/6) TC74HC04AF
TP4025
RCH3A
RCH2A
RCH1A
TO P8. P10. P12
TO P11. P13
RHD
RCH3
RCH2
RCH1
TO P6
TO P7. P11. P13 CA
WCKB
TO P4. P8. P10-13
TO P7. P11. P13 AF
TO P5. P11. P13 WE1B
BOUT (0. . 7) TO P8. P15
RCH3B
RCH2B
RCH1B
TO P8. P10. P12
TO P11. P13
RCK3
RCK2
RCK1
TO P5. P8. P10. P12
TO P5. P11. P13
CGI-P9
(COMPUTER GRAPHICS INTERFACE)
B-SS7628<WW.>-CGI-P9


1 2 3 4 5 6 7 8 9 10 11 12 13
A B C D E F G H
TO P4. P11 DI
TO P4. P11 DJ
IC4142 TC74ACT574F BUFFER OF 3ACH
IC4143 TC74ACT574F BUFFER OF 3BCH
IC4144 MB8117800A RED FRAME MEMORY OF 3ACH
IC4145 MB8117800A RED FRAME MEMORY OF 3BCH
IC4146 TC74ACT574F BUFFER OF RED
IC4147 TC74ACT574F BUFFER OF RED
IC4148 TC74ACT574F BUFFER OF 2ACH
IC4149 TC74ACT574F BUFFER OF 2BCH
IC4150 MB8117800A RED FRAME MEMORY OF 2ACH
IC4151 MB8117800A RED FRAME MEMORY OF 2BCH
IC4152 TC74ACT574F BUFFER OF RED
IC4153 TC74ACT574F BUFFER OF RED
TO P4. P8. P9. P11-13 WCKA
TO P7. P8. P12 AI
AG
TO P5. P8. P12 WE3A
WE2A
TO P7. P8. P12 CE
CC
TO P4. P8. P9. P11-13 WCKB
TO P7. P8. P12 AJ
AH
TO P5. P8. P12 WE3B
WE2B
RCH3A
RCH2A
TO P8. P9. P12
ROUT (0 . . 7) TO P11. P15
RCH3B
RCH2B
TO P8. P9. P12
RCK3
RCK2
TO P5. P8. P9. P12
CGI-P10
(COMPUTER GRAPHICS INTERFACE)
B-SS7628<WW.>-CGI-P10


1 2 3 4 5 6 7 8 9
A B C D E F G H
TO P4. P10 DI
R
IC4154
TC74ACT574F
BUFFER OF 1ACH
5V
C4301
0.1
20
DI0 DI1 DI2 DI3 DI4 DI5 DI6 DI7
VCC
D1 D2 D3 D4 D5 D6 D7 D8
Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8
GD0 GD1 GD2 GD3 GD4 GD5 GD6 GD7
4154
11
EN GND
1 10
IC4156
MB8117800A
RED FREME
MEMORY
OF 1ACH
5V 5V
C4305
0.1
14
1
AE0 AE1 AE2 AE3 AE4 AE5 AE6 AE7 AE8 AE9
A0 A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 N.C.
4156
Vcc Vcc
Vss Vss
15 28
D1 D2 D3 D4 D5 D6 D7 D8
RAS CAS WE OE
CA0 CA1
IC4158
TC74ACT574F
BUFFER OF RED
5V
C4307
0.1
20
GD0 GD1 GD2 GD3 GD4 GD5 GD6 GD7
ROUT0 ROUT1 ROUT2 ROUT3 ROUT4 ROUT5 ROUT6 ROUT7
4158
11
EN GND
1 10
TO P4. P8-10. P12. P13 WCKA
TO P7. P9. P13 AE
TO P5. P9. P13 WE1A
TO P4. P10 DJ
RCH1A TO P9. P13
IC4155
TC74ACT574F
BUFFER OF 1BCH
R
5V
C4302
0.1
20
DJ0 DJ1 DJ2 DJ3 DJ4 DJ5 DJ6 DJ7
HD0 HD1 HD2 HD3 HD4 HD5 HD6 HD7
4155
11
EN GND
1 10
IC4157
MB8117800A
RED FRAME
MEMORY
OF 1BCH
5V 5V
C4306
0.1
14
1
AF0 AF1 AF2 AF3 AF4 AF5 AF6 AF7 AF8 AF9
4157
CA2 CA3
IC4159
TC74ACT574F
BUFFER OF RED
5V
C4308
0.1
20
HD0 HD1 HD2 HD3 HD4 HD5 HD6 HD7
ROUT0 ROUT1 ROUT2 ROUT3 ROUT4 ROUT5 ROUT6 ROUT7
4159
11
EN GND
1 10
R
ROUT (0. . 7) TO P10. P15
RCH1B TO P9. P13
RCK1 TO P5. P9. P13
TO P7. P9. P13 CA
TO P4. P8-10. P12. P13 WCKB
TO P7. P9. P13 AF
TO P5. P9. P13 WE1B
CGI-P11
(COMPUTER GRAPHICS INTERFACE)
B-SS7628<WW.>-CGI-P11


1 2 3 4 5 6 7 8 9 10 11 12 13
A B C D E F G H
TO P4. P13 DK
G
IC4160 TC74ACT574F BUFFER OF 3ACH
IC4162 MB8117800A GREEN FRAME MEMORY OF 3ACH
IC4164 TC74ACT574F BUFFER OF GREEN
IC4166 TC74ACT574F BUFFER OF 2ACH
IC4168 MB8117800A GREEN FRAME MEMORY OF 2ACH
IC4170 TC74ACT574F BUFFER OF GREEN
C4309 0.1
C4313 0.1
C4315 0.1
C4317 0.1
C4321 0.1
C4323 0.1
4160
4162
4164
4166
4168
4170
TO P4. P8-11. P13 WCKA
TO P7. P8. P10 AI
AG
TO P5. P8. P10 WE3A
WE2A
RCH3A
RCH2A
TO P8-10
TO P4. P13 DL
IC4161 TC74ACT574F BUFFER OF 3BCH
IC4163 MB8117800A GREEN FRAME MEMORY OF 3BCH
IC4165 TC74ACT574F BUFFER OF GREEN
IC4167 TC74ACT574F BUFFER OF 2BCH
IC4169 MB8117800A GREEN FRAME MEMORY OF 2BCH
IC4171 TC74ACT574F BUFFER OF GREEN
C4310 0.1
C4314 0.1
C4316 0.1
C4318 0.1
C4322 0.1
C4324 0.1
4161
4163
4165
4167
4169
4171
TO P7. P8. P10 CE
CC
TO P4. P8-11. P13 WCKB
TO P7. P8. P10 AJ
AH
TO P5. P8. P10 WE3B
WE2B
GOUT (0. . 7) TO P13. P15
RCH3B
RCH2B
TO P8-10
RCK2
RCK3
TO P5. P8-10
CGI-P12
(COMPUTER GRAPHICS INTERFACE)
B-SS7628<WW.>-CGI-P12


1
2
3
4
5
6
7
8
A
B
C
D
E
F
G
H
TO P4. P12 DK
IC4172
TC74ACT574F
BUFFER OF 1ACH
IC4174
MB8117800A
GREEN FRAME
MEMORY
OF 1ACH
IC4176
TC74ACT574F
BUFFER OF GREEN
C4325 0.1
C4329 0.1
C4331 0.1
DK0 DK1 DK2 DK3 DK4 DK5 DK6 DK7
ID0 ID1 ID2 ID3 ID4 ID5 ID6 ID7
GOUT0 GOUT1 GOUT2 GOUT3 GOUT4 GOUT5 GOUT6 GOUT7
AE0 AE1 AE2 AE3 AE4 AE5 AE6 AE7 AE8 AE9
CA0 CA1
TO P4. P8-12 WCKA
TO P7. P9. P11 AE
TO P5. P9. P11 WE1A
TO P4. P12 DL
RCH1A TO P9. P11
IC4173
TC74ACT574F
BUFFER OF 1BCH
IC4175
MB8117800A
GREEN FRAME
MEMORY
OF 1BCH
IC4177
TC74ACT574F
BUFFER OF GREEN
C4326 0.1
C4330 0.1
C4332 0.1
DL0 DL1 DL2 DL3 DL4 DL5 DL6 DL7
JD0 JD1 JD2 JD3 JD4 JD5 JD6 JD7
AF0 AF1 AF2 AF3 AF4 AF5 AF6 AF7 AF8 AF9
CA2 CA3
GOUT (0..7) TO P12. P15
RCH1B TO P9. P11
RCK1 TO P5. P9. P11
TO P7. P9. P11 CA
TO P4. P8-12 WCKB
TO P7. P9. P11 AF
TO P5. P9. P11 WE1B
CGI-P13
(COMPUTER GRAPHICS INTERFACE)
B-SS7628<WW.>-CGI-P13


DB (0..7)
AB (0..9)
CS0
WR
RD
TO P15
IC4180 TC74AC245F READ/WRITE EXCHANGER
IC4178 TC74AC540F ADDRESS DECODER
IC4181 TC74HC30AF ADDRESS DECODER
IC4179 TC74AC541F ADDRESS DECODER
IC4182 TC74AC138F ADDRESS DECODER
IC4183 TC74AC138F ADDRESS DECODER
IC4184 TC74AC574F HP REG. 1
IC4185 TC74AC574F HP REG. 2
IC4186 TC74AC574F VP REG. 1
IC4187 TC74AC574F CGS REG. 1
IC4190 TC74AC574F VP REG. 2
IC4191 TC74AC574F CGS REG. 2
IC4002 TC74AC574F VP REG. 2
IC4192 TC74AC541F HP BUFFER. 1
IC4193 TC74AC541F HP BUFFER. 2
IC4194 TC74AC541F VP BUFFER. 1
IC4195 TC74AC541F CGS BUFFER. 1
IC4198 TC74AC541F VP BUFFER. 2
IC4199 TC74AC541F CGS BUFFER. 2
IC4003 TC74AC541F VP BUFFER. 2
HP (0..7) TO P4
PL (0..2) TO P2
HP (8..9)
TO P4
VP (8..9)
VP (0..7)
CGS (8..10) TO P2
CGS (0..7)
CGI-P14
(COMPUTER GRAPHICS INTERFACE)
B-SS7628<WW.>-CGI-P14

CGI-P15

(COMPUTER GRAPHICS INTERFACE)

B-SS7628<WW.>-CGI-P15

CN4001 (4/6) 246P

AGND	A41	244	
R	A40	238	
AGND	A39	232	
G	A38	226	
AGND	A37	220	
B	A36	214	
AGND	A35	208	
H	A34	202	
AGND	A33	196	
V	A32	190	
AGND	A31	184	
GND	A30	178	
GND	A29	172	
GND	A28	166	
GND	A27	160	
GND	A26	154	
GND	A25	148	
GND	A24	142	
GND	A23	136	
GND	A22	130	
GND	A21	124	
GND	A20	118	
GND	A19	112	
GND	A18	106	
GND	A17	100	
GND	A16	94	
GND	A15	88	
GND	A14	82	
GND	A13	76	
GND	A12	70	
GND	A11	64	
GND	A10	58	
GND	A9	52	
GND	A8	46	
GND	A7	40	
GND	A6	34	
GND	A5	28	
GND	A4	22	
GND	A3	16	
GND	A2	10	
GND	A1	4	

FL4006 NFM51R10P
FL4007 NFM51R10P
FL4008 NFM51R10P
FL4009 NFM51R10P
FL4010 NFM51R10P
EMI

R, G, B → TO P1

TO BUS-P5 BOARD CN9004 (4/6)

CN4001 (5/6) 246P

GND	B41	245	
GND	B40	239	
GND	B39	233	
GND	B38	227	
GND	B37	221	
GND	B36	215	
GND	B35	209	
GND	B34	203	
GND	B33	197	
GND	B32	191	
GND	B31	185	
GND	B30	179	
CGI	B29	173	
N.C	B28	167	
N.C	B27	161	
GND	B26	155	
CGH	B25	149	
CGV	B24	143	
GND	B23	137	
GND	B22	131	
GND	B21	125	
GND	B20	119	
GND	B19	113	
GND	B18	107	
GND	B17	101	
GND	B16	95	
GND	B15	89	
GND	B14	83	
GND	B13	77	
GND	B12	71	
GND	B11	65	
GND	B10	59	
GND	B9	53	
GND	B8	47	
GND	B7	41	
GND	B6	35	
GND	B5	29	
GND	B4	23	
GND	B3	17	
GND	B2	11	
GND	B1	5	

CGH, CGV → TO P1

TO BUS-P6 BOARD CN9004 (5/6)

CN4001 (6/6) 246P

5PSG	F41	246	
5PSG	F40	240	
5PSG	F39	234	
5PSG	F38	228	
5PSG	F37	222	
5PSG	F36	216	
+5V	F35	210	
+5V	F34	204	
+5V	F33	198	
+5V	F32	192	
+5V	F31	186	
12PSG	F30	180	
12PSG	F29	174	
12PSG	F28	168	
12PSG	F27	162	
+12V	F26	156	
+12V	F25	150	
+12V	F24	144	
-5PSG	F23	138	
-5PSG	F22	132	
-5PSG	F21	126	
-5PSG	F20	120	
-5PSG	F19	114	
-5PSG	F18	108	
-5V	F17	102	
-5V	F16	96	
-5V	F15	90	
-5V	F14	84	
-5V	F13	78	
GND	F12	72	
GND	F11	66	
GND	F10	60	
GND	F9	54	
GND	F8	48	
GND	F7	42	
GND	F6	36	
GND	F5	30	
GND	F4	24	
GND	F3	18	
GND	F2	12	
GND	F1	6	

F4001 3.15A → +5V
F4002 3.15A → -5V
F4003 3.15A → +12V

FL4001 BNX002-01
FL4002 BNX002-01
FL4003 BNX002-01
FL4004 BNX002-01
FL4005 BNX002-01

D4008 TLG113A 5V
D4009 TLG113A -5V
D4010 TLG113A 12V

IC4206 MAX8213BCSE VOLTAGE MONITORS

FB4001 BLM21A121S

TO BUS-P7 BOARD CN9004 (6/6)

CN4001 (1/6) 246P

GND	A41	241	
AB0	A40	235	
AB1	A39	229	
AB2	A38	223	
AB3	A37	217	
AB4	A36	211	
AB5	A35	205	
AB6	A34	199	
AB7	A33	193	
AB8	A32	187	
AB9	A31	181	
GND	A30	175	
1820FH	A29	169	
2HD	A28	163	
VD	A27	157	
HD (N.C)	A26	151	
N.C	A25	145	
N.C	A24	139	
GND	A23	133	
CROUT0	A22	127	
CROUT1	A21	121	
CROUT2	A20	115	
CROUT3	A19	109	
CROUT4	A18	103	
CROUT5	A17	97	
CROUT6	A16	91	
CROUT7	A15	85	
N.C	A14	79	
N.C	A13	73	
GND	A12	67	
GND	A11	61	
GND	A10	55	
GND	A9	49	
GND	A8	43	
GND	A7	37	
GND	A6	31	
GND	A5	25	
GND	A4	19	
GND	A3	13	
GND	A2	7	
GND	A1	1	

AB (0..9) → ABO..AB9 TO P14
CLK, 2HD, VD → TO P1
R → ROUT (0..7) → ROUT0..ROUT7 TO P10, P11

TO BUS-P2 BOARD CN9004 (1/6)

CN4001 (2/6) 246P

GND	B41	242	
DB0	B40	236	
DB1	B39	230	
DB2	B38	224	
DB3	B37	218	
DB4	B36	212	
DB5	B35	206	
DB6	B34	200	
DB7	B33	194	
N.C	B32	188	
N.C	B31	182	
GND	B30	176	
GND	B29	170	
GND	B28	164	
GND	B27	158	
GND	B26	152	
GND	B25	146	
GND	B24	140	
GND	B23	134	
CGOUT0	B22	128	
CGOUT1	B21	122	
CGOUT2	B20	116	
CGOUT3	B19	110	
CGOUT4	B18	104	
CGOUT5	B17	98	
CGOUT6	B16	92	
CGOUT7	B15	86	
N.C	B14	80	
N.C	B13	74	
GND	B12	68	
GND	B11	62	
GND	B10	56	
GND	B9	50	
GND	B8	44	
GND	B7	38	
GND	B6	32	
GND	B5	26	
GND	B4	20	
GND	B3	14	
GND	B2	8	
GND	B1	2	

DB (0..7) → DB0..DB7 TO P15
G → GOUT (0..7) → GOUT0..GOUT7 TO P12, P13

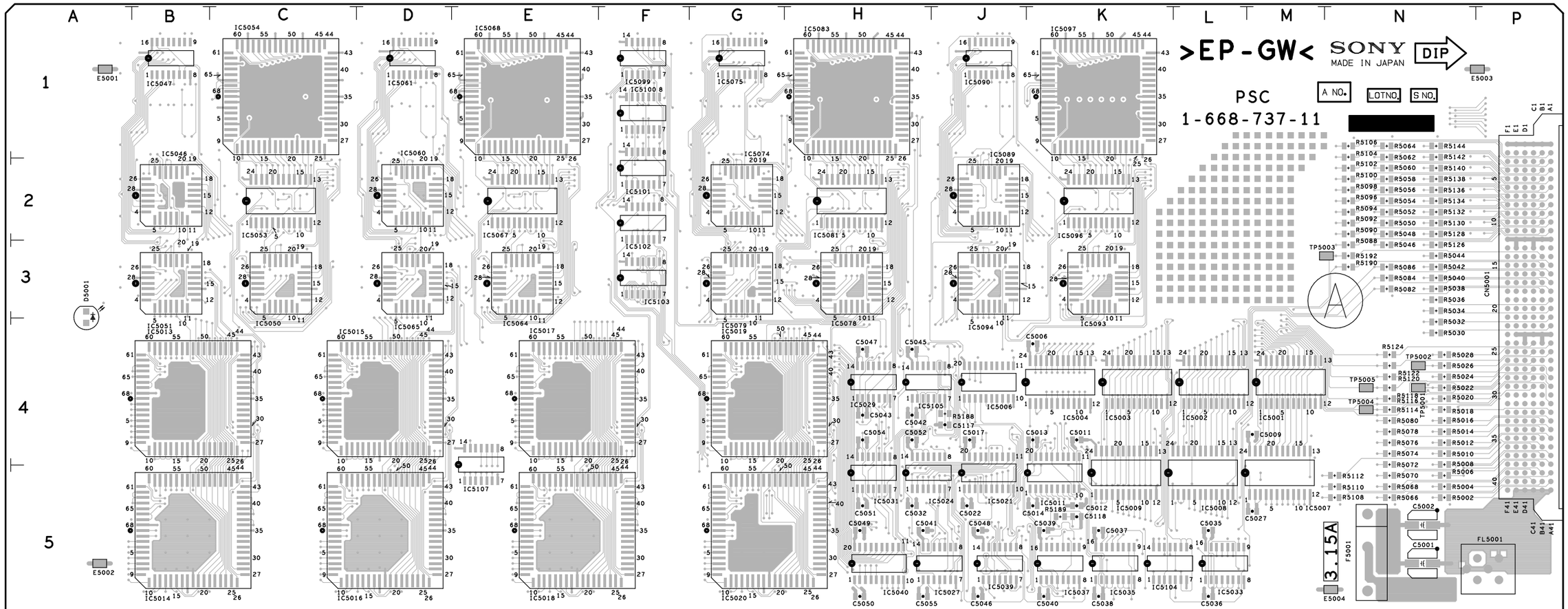
TO BUS-P3 BOARD CN9004 (2/6)

CN4001 (3/6) 246P

GND	C41	243	
WR	C40	237	
RD	C39	231	
RESET	C38	225	
CS0	C37	219	
N.C	C36	213	
N.C	C35	207	
N.C	C34	201	
N.C	C33	195	
N.C	C32	189	
N.C	C31	183	
GND	C30	177	
GND	C29	171	
GND	C28	165	
GND	C27	159	
GND	C26	153	
GND	C25	147	
GND	C24	141	
GND	C23	135	
CBOUT0	C22	129	
CBOUT1	C21	123	
CBOUT2	C20	117	
CBOUT3	C19	111	
CBOUT4	C18	105	
CBOUT5	C17	99	
CBOUT6	C16	93	
CBOUT7	C15	87	
N.C	C14	81	
N.C	C13	75	
GND	C12	69	
GND	C11	63	
GND	C10	57	
GND	C9	51	
GND	C8	45	
GND	C7	39	
GND	C6	33	
GND	C5	27	
GND	C4	21	
GND	C3	15	
GND	C2	9	
GND	C1	3	

WR, RD, CS0 → TO P14
B → BOUT (0..7) → BOUT0..BOUT7 TO P8, P9

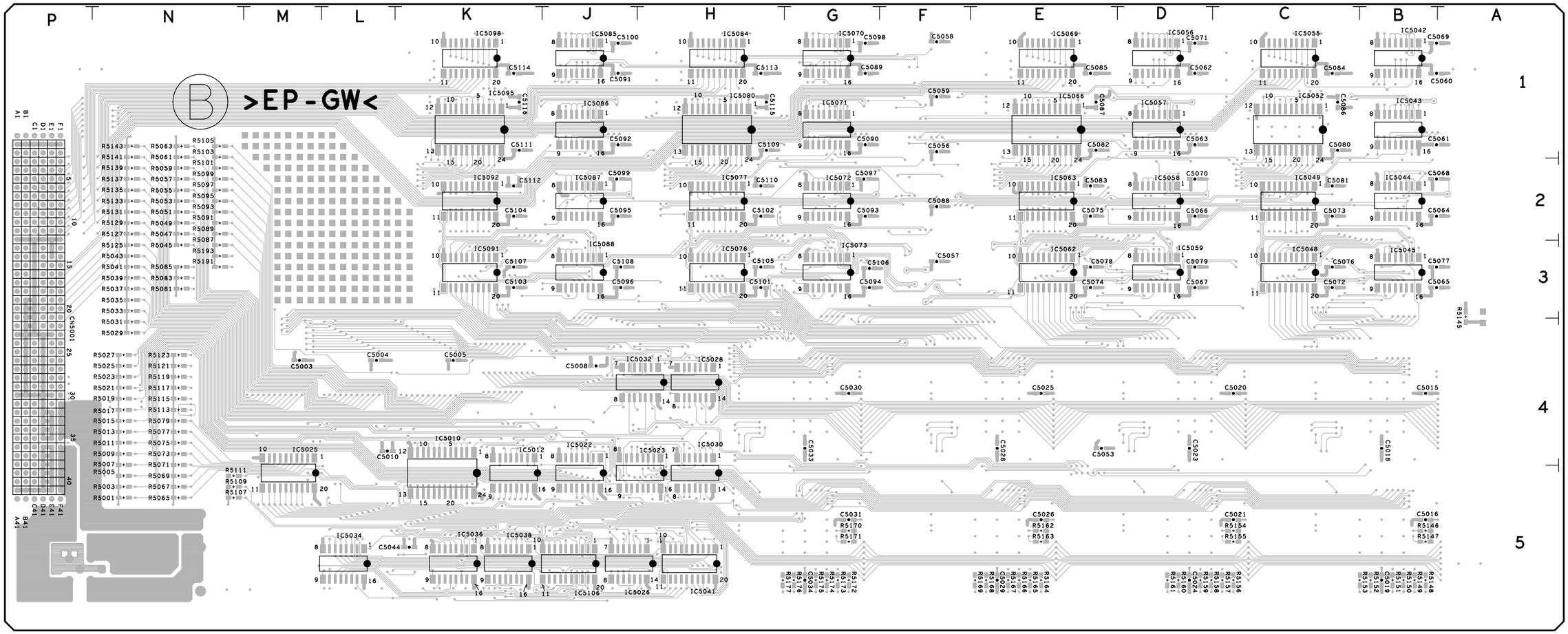
TO BUS-P4 BOARD CN9004 (3/6)



PSC BOARD
*: B SIDE

D5001	A-3	IC5026	*J-5	IC5052	*C-1	IC5078	H-3	IC5105	H-4
		IC5027	J-5	IC5053	C-2	IC5079	G-3	IC5106	*J-5
IC5001	M-4	IC5028	*H-4	IC5054	C-1	IC5080	*H-1	IC5107	E-5
IC5002	L-4	IC5029	H-4	IC5055	*C-1	IC5081	H-2		
IC5003	K-4	IC5030	*H-5	IC5056	*D-1	IC5083	H-1	TP5001	N-4
IC5004	K-4	IC5031	H-5	IC5057	*D-1	IC5084	*H-1	TP5002	N-4
IC5006	J-4	IC5032	*H-4	IC5058	*D-2	IC5085	*J-1	TP5003	N-3
IC5007	M-5	IC5033	L-5	IC5059	*D-3	IC5086	*J-1	TP5004	N-4
IC5008	L-5	IC5034	*L-5	IC5060	D-2	IC5087	*J-2	TP5005	N-4
IC5009	K-5	IC5035	K-5	IC5061	D-1	IC5088	*J-3		
IC5010	*K-5	IC5036	*K-5	IC5062	*E-3	IC5089	J-2		
IC5011	K-5	IC5037	K-5	IC5063	*E-2	IC5090	J-1		
IC5012	*K-5	IC5038	*K-5	IC5064	E-3	IC5091	*K-3		
IC5013	B-2	IC5039	J-5	IC5065	D-3	IC5092	*K-2		
IC5014	B-5	IC5040	H-5	IC5066	*E-1	IC5093	K-3		
IC5015	D-4	IC5041	*H-5	IC5067	E-2	IC5094	J-3		
IC5016	D-5	IC5042	*B-1	IC5068	E-1	IC5095	*K-1		
IC5017	E-4	IC5043	*B-1	IC5069	*E-1	IC5096	K-2		
IC5018	E-5	IC5044	*B-2	IC5070	*G-1	IC5097	K-1		
IC5019	G-4	IC5045	*B-3	IC5071	*G-1	IC5098	*K-1		
IC5020	G-5	IC5046	B-2	IC5072	*G-2	IC5099	F-1		
IC5021	J-5	IC5047	B-1	IC5073	*G-3	IC5100	F-1		
IC5022	*J-5	IC5048	*C-3	IC5074	G-2	IC5101	F-2		
IC5023	*H-5	IC5049	*C-2	IC5075	G-1	IC5102	F-2		
IC5024	H-5	IC5050	C-3	IC5076	*H-3	IC5103	F-3		
IC5025	*M-5	IC5051	B-3	IC5077	*H-2	IC5104	K-5		

PSC – A SIDE –
SUFFIX: -11



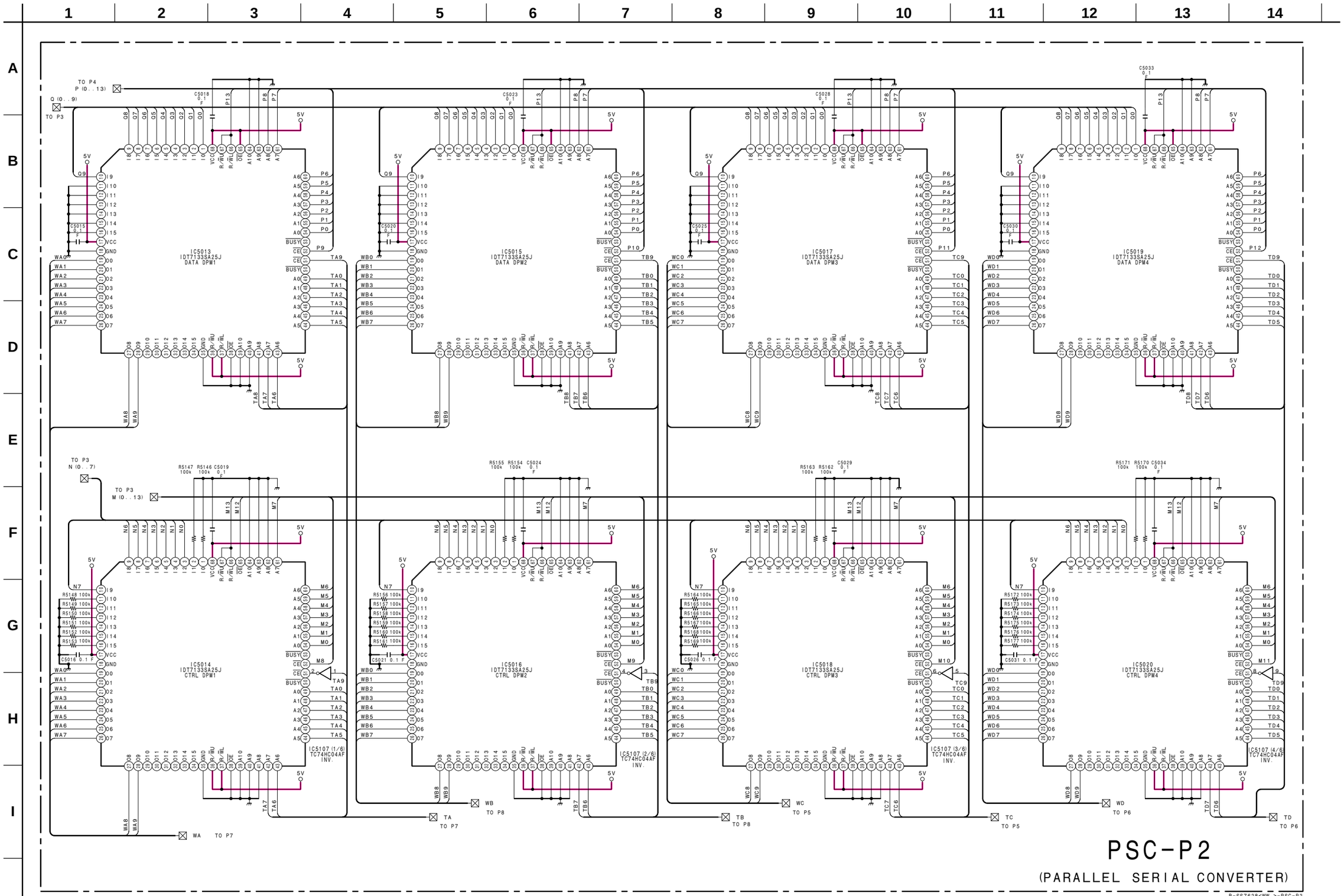
PSC – B SIDE –
SUFFIX: -11

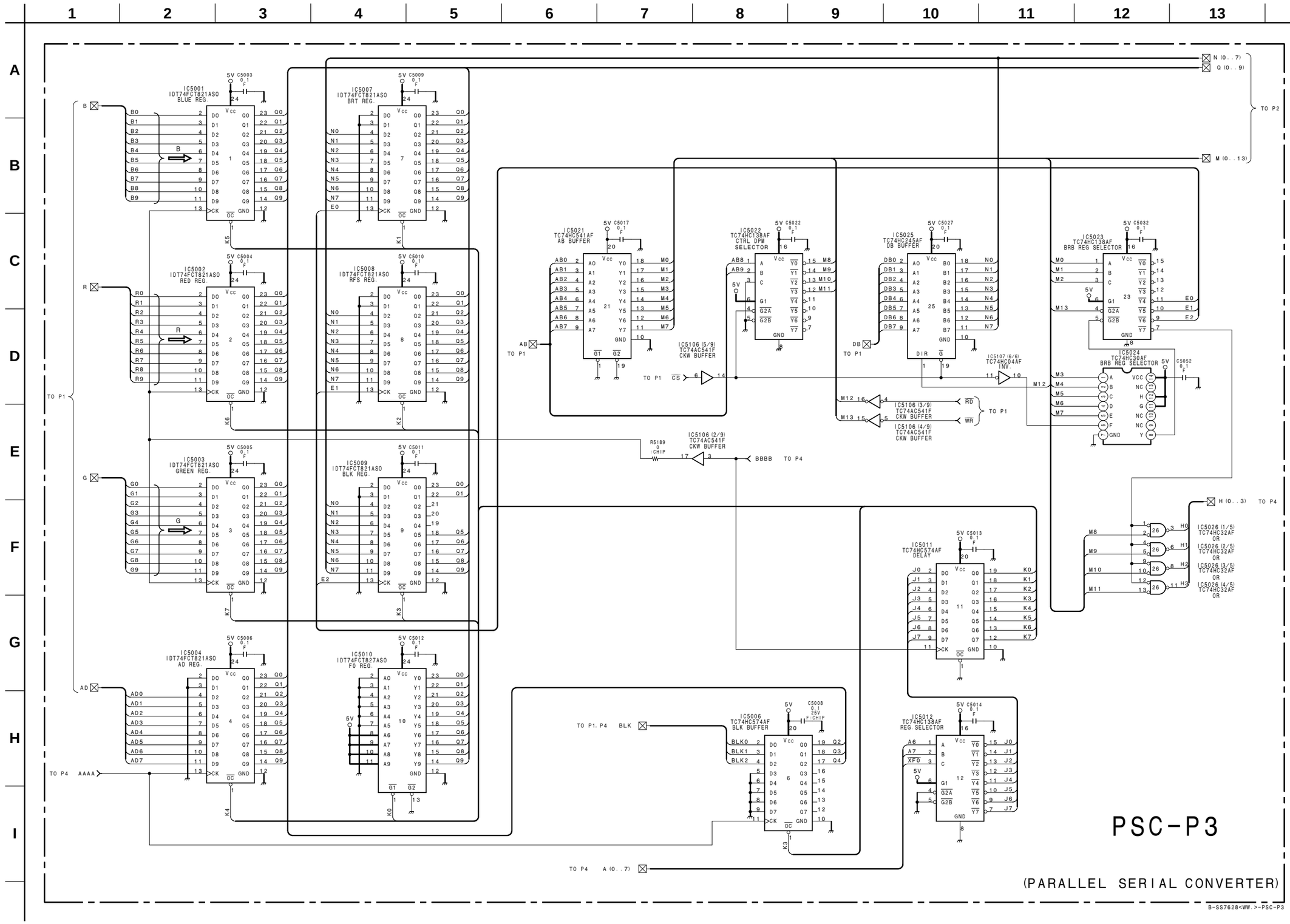
PSC-P1

(PARALLEL SERIAL CONVERTER)

B-SS7628<WW.>-PSC-P1

JTC-P200/JTA-SB200


PSC-P2
(PARALLEL SERIAL CONVERTER)
B-SS7628<WW.>-PSC-P2
IC5013 IDT7133SA25J DATA DPM1
IC5015 IDT7133SA25J DATA DPM2
IC5017 IDT7133SA25J DATA DPM3
IC5019 IDT7133SA25J DATA DPM4
IC5014 IDT7133SA25J CTRL DPM1
IC5016 IDT7133SA25J CTRL DPM2
IC5018 IDT7133SA25J CTRL DPM3
IC5020 IDT7133SA25J CTRL DPM4
IC5107 (1/6) TC74HC04AF INV.
IC5107 (2/6) TC74HC04AF INV.
IC5107 (3/6) TC74HC04AF INV.
IC5107 (4/6) TC74HC04AF INV.
TO P4 P(0..13)
TO P3 Q(0..9)
TO P3 N(0..7)
TO P3 M(0..13)
WA TO P7
TA TO P7
WB TO P8
TB TO P8
WC TO P5
TC TO P5
WD TO P6
TD TO P6


1 2 3 4 5 6 7 8 9 10 11 12 13
A B C D E F G H I
IC5001 IDT74FCT821ASO BLUE REG.
IC5002 IDT74FCT821ASO RED REG.
IC5003 IDT74FCT821ASO GREEN REG.
IC5004 IDT74FCT821ASO AD REG.
IC5007 IDT74FCT821ASO BRT REG.
IC5008 IDT74FCT821ASO RFS REG.
IC5009 IDT74FCT821ASO BLK REG.
IC5010 IDT74FCT827ASO F0 REG.
IC5021 TC74HC541AF AB BUFFER
IC5022 TC74HC138AF CTRL DPM SELECTOR
IC5025 TC74HC245AF DB BUFFER
IC5023 TC74HC138AF BRB REG SELECTOR
IC5024 TC74HC30AF BRB REG SELECTOR
IC5106 (5/9) TC74AC541F CKW BUFFER
IC5106 (2/9) TC74AC541F CKW BUFFER
IC5106 (3/9) TC74AC541F CKW BUFFER
IC5106 (4/9) TC74AC541F CKW BUFFER
IC5107 (6/6) TC74HC04AF INV.
IC5006 TC74HC574AF BLK BUFFER
IC5011 TC74HC574AF DELAY
IC5012 TC74HC138AF REG. SELECTOR
IC5026 (1/5) TC74HC32AF OR
IC5026 (2/5) TC74HC32AF OR
IC5026 (3/5) TC74HC32AF OR
IC5026 (4/5) TC74HC32AF OR
5V C5003 0.1 F
5V C5004 0.1 F
5V C5005 0.1 F
5V C5006 0.1 F
5V C5009 0.1 F
5V C5010 0.1 F
5V C5011 0.1 F
5V C5012 0.1 F
5V C5017 0.1 F
5V C5022 0.1 F
5V C5027 0.1 F
5V C5032 0.1 F
5V C5052 0.1 F
5V C5013 0.1 F
5V C5014 0.1 F
5V C5008 0.1 25V F CHIP
R5189 0 CHIP
B
R
G
AD
AAAA
BBBB
BLK
N (0..7)
Q (0..9)
M (0..13)
H (0..3)
A (0..7)
TO P1
TO P2
TO P4
PSC-P3
(PARALLEL SERIAL CONVERTER)
B-SS7628<WW.>-PSC-P3

1 2 3 4 5 6 7 8 9 10 11 12 13 14

A B C D E F G H I J

TO P2 P(0..13)
A(0..7)
AAAA
BBBB
TO P3
TO P1 A8W
TO P1. P3 BLK
TO P1 CKW
LDW TO P1
TO P3 H(0..3)
C TO P5-8

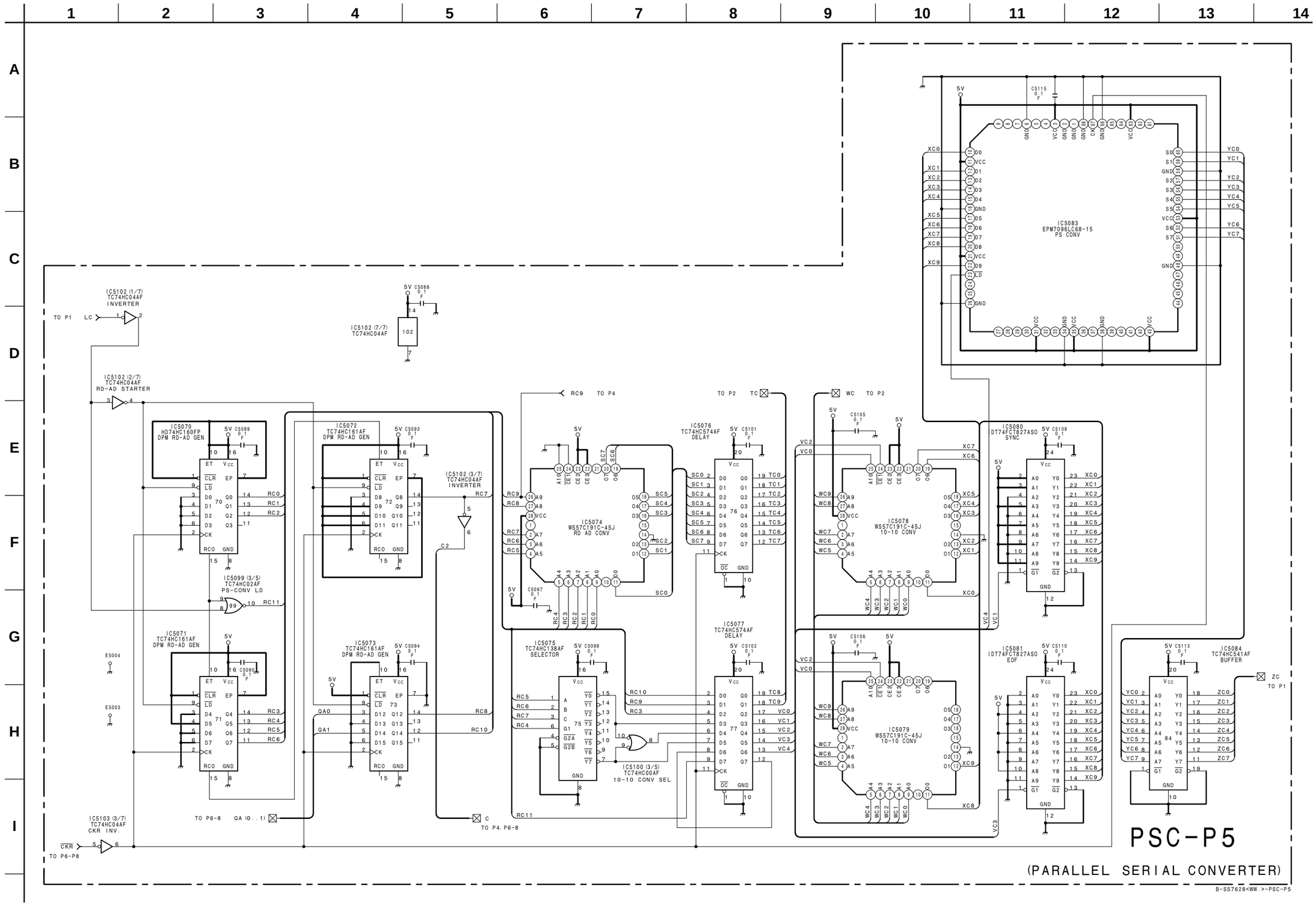
IC5033 TC74AC163F DATA DPM WR-AD GEN
IC5034 TC74AC163F DATA DPM WR-AD GEN
IC5035 TC74AC161F DATA DPM WR-AD GEN
IC5036 TC74AC161F DATA DPM WR-AD GEN
IC5104 (2/5) TC74AC02F WR-AD STARTER
IC5104 (3/5) TC74AC02F INVERTER
IC5104 (4/5) TC74AC02F INVERTER
IC5104 (1/5) TC74AC02F INVERTER
IC5037 TC74AC138F LINE AD SELECTOR
IC5038 TC74AC138F DATA DPM SELECTOR
IC5039 (1/5) TC74AC08F LINE AD MIX
IC5039 (2/5) TC74AC08F LINE AD MIX
IC5039 (3/5) TC74AC08F LINE AD MIX
IC5039 (4/5) TC74AC08F LINE AD MIX
IC5040 TC74AC574F BUFFER
IC5041 TC74AC574F BUFFER
IC5105 (1/6) TC74AC04F INVERTER
IC5027 (1/3) TC74HC74AF XFO DELAY
IC5027 (2/3) TC74HC74AF XFO DELAY
IC5028 (1/3) TC74HC74AF FN READY1
IC5029 (1/3) TC74HC74AF FN READY2
IC5030 (1/3) TC74HC74AF FN READY3
IC5031 (1/3) TC74HC74AF FN READY4
IC5032 (1/5) TC74HC02AF OF0 DETECT
IC5032 (2/5) TC74HC02AF OF0 DETECT
IC5032 (3/5) TC74HC02AF OF0 DETECT
IC5032 (4/5) TC74HC02AF OF0 DETECT
IC5028 (2/3) TC74HC74AF FN ENB1
IC5029 (2/3) TC74HC74AF FN ENB2
IC5030 (2/3) TC74HC74AF FN ENB3
IC5031 (2/3) TC74HC74AF FN ENB4
IC5106 (6/9) TC74AC541F CKW BUFFER
IC5106 (7/9) TC74AC541F CKW BUFFER
IC5106 (1/9) TC74AC541F CKW BUFFER
IC5027 (3/3) TC74HC74AF
IC5028 (3/3) TC74HC74AF
IC5029 (3/3) TC74HC74AF
IC5030 (3/3) TC74HC74AF
IC5031 (3/3) TC74HC74AF
IC5032 (5/5) TC74HC02AF OF0 DETECT
IC5104 (5/5) TC74AC02F
IC5039 (5/5) TC74AC08F LINE AD MIX
IC5026 (5/5) TC74HC32AF
IC5105 (5/6) TC74AC04F INVERTER
IC5105 (6/6) TC74AC04F INVERTER
IC5107 (5/6) TC74HC04AF
IC5106 (8/9) TC74AC541F CKW BUFFER
IC5106 (9/9) TC74AC541F CKW BUFFER
IC5105 (2/6) TC74AC04F INVERTER
IC5105 (3/6) TC74AC04F INVERTER
IC5105 (4/6) TC74AC04F INVERTER

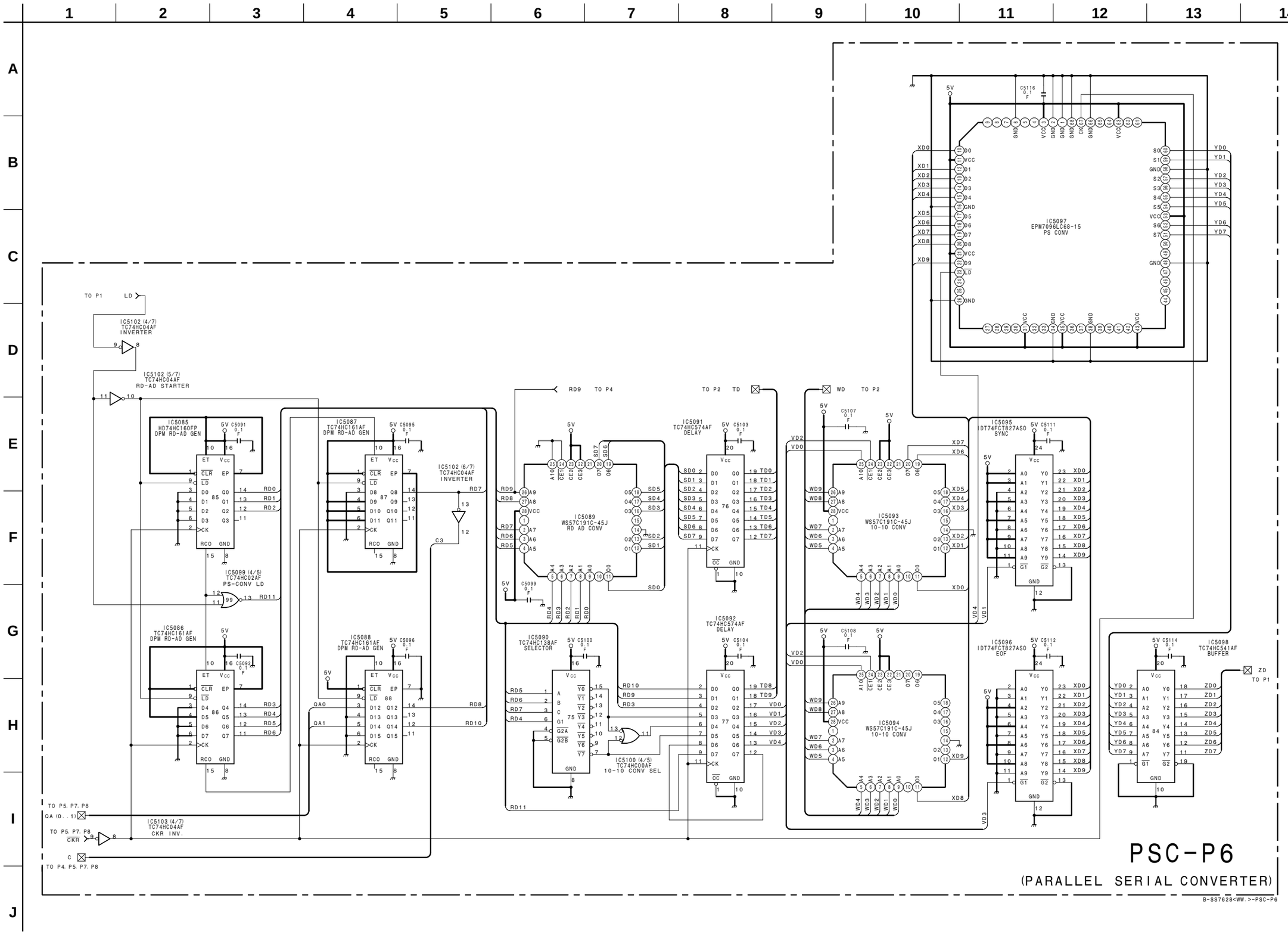
E5001 E5002
F0 TO P8
RA9 TO P7
RB9 TO P8
RC9 TO P5
RD9 TO P6

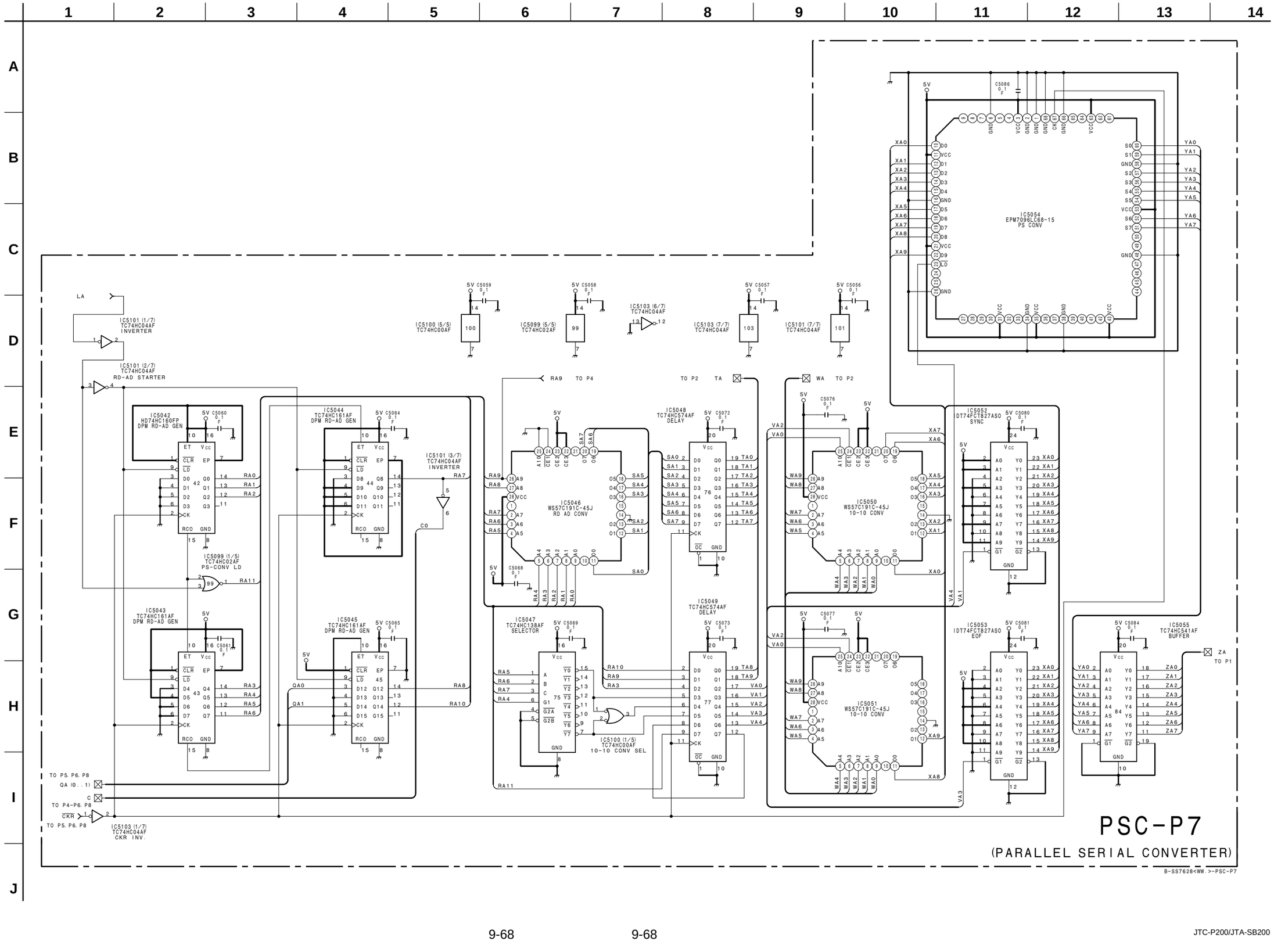
PSC-P4

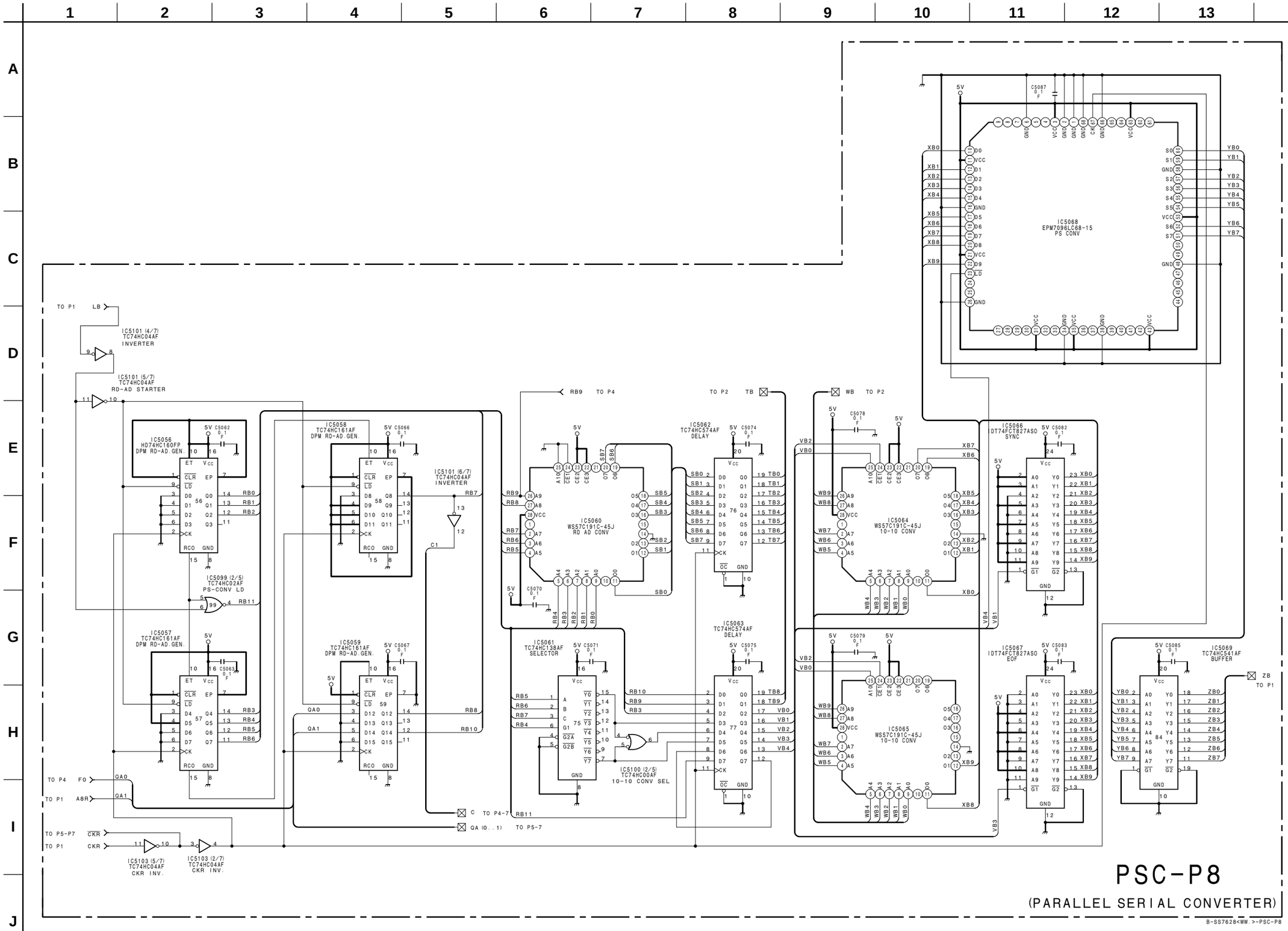
(PARALLEL SERIAL CONVERTER)

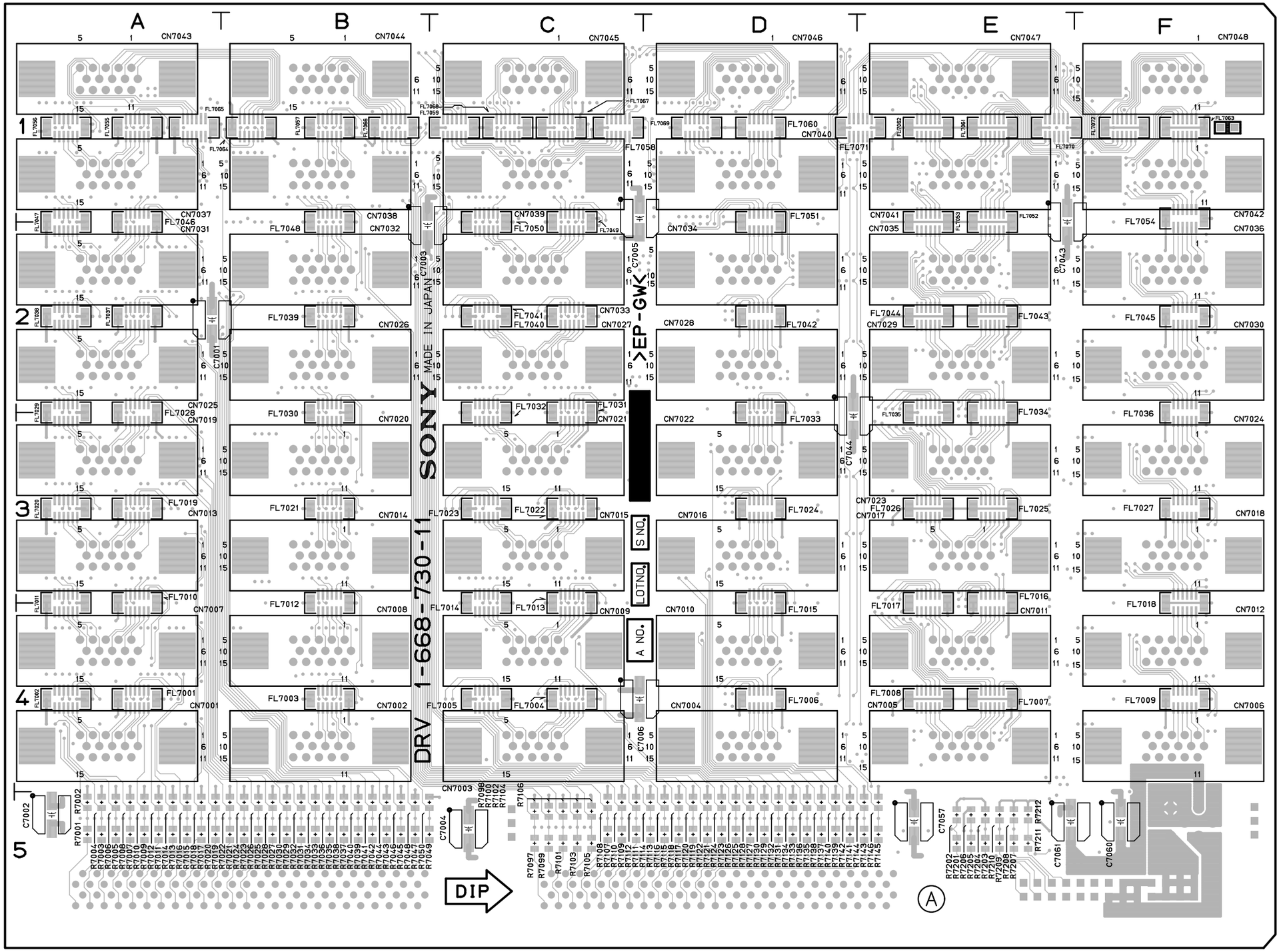
B-SS7628<WW.>-PSC-P4


IC5102 (1/7) TC74HC04AF INVERTER
TO P1
LC
IC5102 (2/7) TC74HC04AF RD-AD STARTER
IC5102 (7/7) TC74HC04AF
IC5070 HD74HC160FP DPM RD-AD GEN
IC5071 TC74HC161AF DPM RD-AD GEN
IC5072 TC74HC161AF DPM RD-AD GEN
IC5073 TC74HC161AF DPM RD-AD GEN
IC5099 (3/5) TC74HC02AF PS-CONV LD
IC5102 (3/7) TC74HC04AF INVERTER
IC5103 (3/7) TC74HC04AF CKR INV.
CKR
TO P6-8
QA (0..1)
C
TO P4. P6-8
RC9 TO P4
IC5074 WS57C191C-45J RD AD CONV
IC5075 TC74HC138AF SELECTOR
IC5076 TC74HC574AF DELAY
IC5077 TC74HC574AF DELAY
IC5100 (3/5) TC74HC00AF 10-10 CONV SEL
TO P2 TC
WC TO P2
IC5078 WS57C191C-45J 10-10 CONV
IC5079 WS57C191C-45J 10-10 CONV
IC5080 DT74FCT827ASO SYNC
IC5081 IDT74FCT827ASO EOF
IC5083 EPM7096LC68-15 PS CONV
IC5084 TC74HC541AF BUFFER
ZC
TO P1
PSC-P5
(PARALLEL SERIAL CONVERTER)
B-SS7628<WW.>-PSC-P5

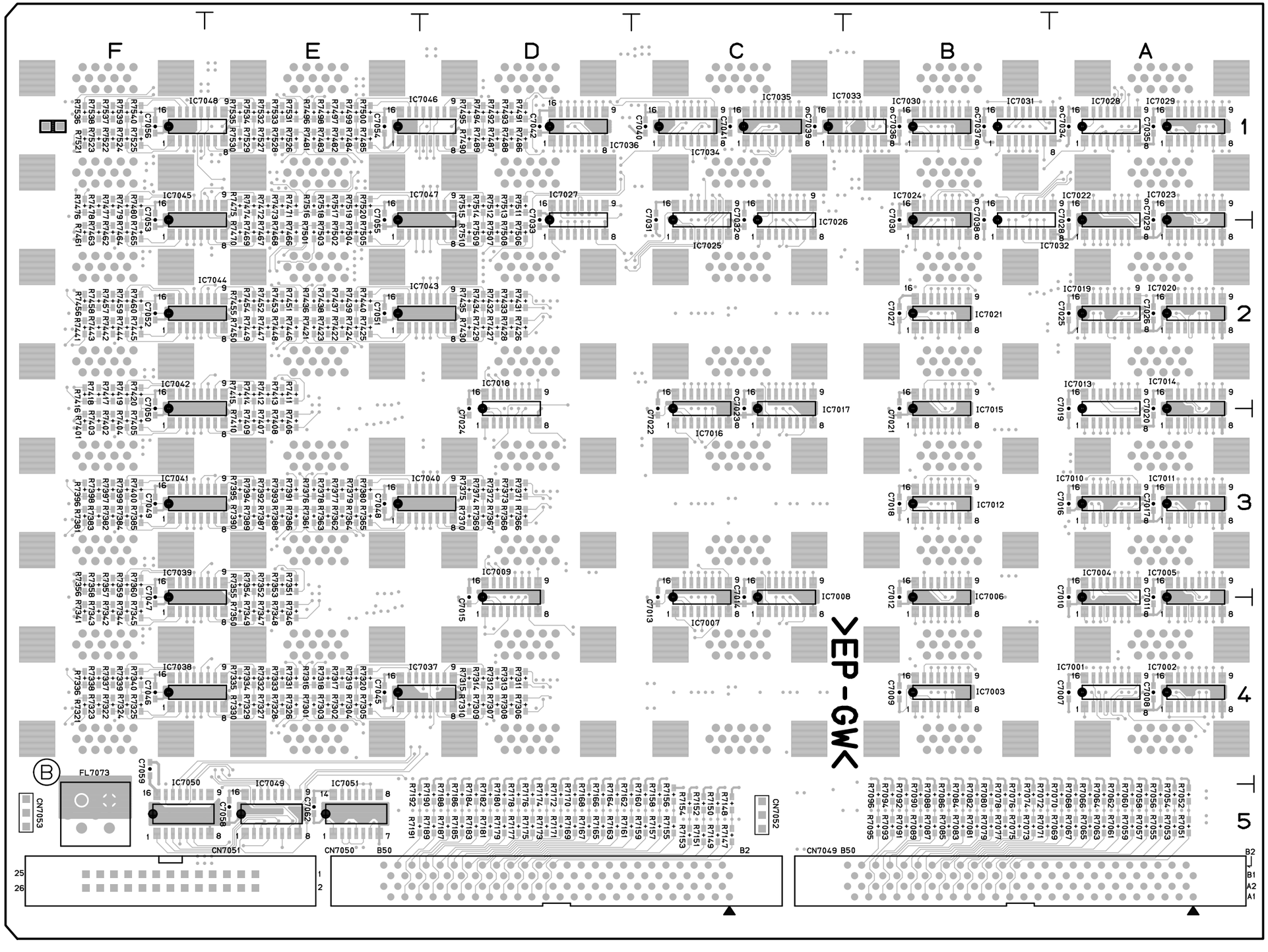

IC5097
EPM7096LC68-15
PS CONV
IC5085
HD74HC160FP
DPM RD-AD GEN
IC5086
TC74HC161AF
DPM RD-AD GEN
IC5087
TC74HC161AF
DPM RD-AD GEN
IC5088
TC74HC161AF
DPM RD-AD GEN
IC5089
WS57C191C-45J
RD AD CONV
IC5090
TC74HC138AF
SELECTOR
IC5091
TC74HC574AF
DELAY
IC5092
TC74HC574AF
DELAY
IC5093
WS57C191C-45J
10-10 CONV
IC5094
WS57C191C-45J
10-10 CONV
IC5095
IDT74FCT827ASO
SYNC
IC5096
IDT74FCT827ASO
EOF
IC5098
TC74HC541AF
BUFFER
IC5099 (4/5)
TC74HC02AF
PS-CONV LD
IC5100 (4/5)
TC74HC00AF
10-10 CONV SEL
IC5102 (5/7)
TC74HC04AF
RD-AD STARTER
IC5102 (6/7)
TC74HC04AF
INVERTER
IC5102 (4/7)
TC74HC04AF
INVERTER
IC5103 (4/7)
TC74HC04AF
CKR INV.
TO P1
TO P2
TO P4
TO P5. P7. P8
TO P4. P5. P7. P8
LD
RD9
TD
WD
ZD
QA (0. . 1)
CKR
C
PSC-P6
(PARALLEL SERIAL CONVERTER)
B-SS7628<WW.>-PSC-P6


1 2 3 4 5 6 7 8 9 10 11 12 13 14
A B C D E F G H I J
IC5054
EPM7096LC68-15
PS CONV
IC5042
HD74HC160FP
DPM RD-AD GEN
IC5044
TC74HC161AF
DPM RD-AD GEN
IC5043
TC74HC161AF
DPM RD-AD GEN
IC5045
TC74HC161AF
DPM RD-AD GEN
IC5101 (1/7)
TC74HC04AF
INVERTER
IC5101 (2/7)
TC74HC04AF
RD-AD STARTER
IC5101 (3/7)
TC74HC04AF
INVERTER
IC5099 (1/5)
TC74HC02AF
PS-CONV LD
IC5100 (5/5)
TC74HC00AF
IC5099 (5/5)
TC74HC02AF
IC5103 (6/7)
TC74HC04AF
IC5103 (7/7)
TC74HC04AF
IC5101 (7/7)
TC74HC04AF
IC5046
WS57C191C-45J
RD AD CONV
IC5047
TC74HC138AF
SELECTOR
IC5048
TC74HC574AF
DELAY
IC5049
TC74HC574AF
DELAY
IC5100 (1/5)
TC74HC00AF
10-10 CONV SEL
IC5050
WS57C191C-45J
10-10 CONV
IC5051
WS57C191C-45J
10-10 CONV
IC5052
DT74FCT827ASO
SYNC
IC5053
IDT74FCT827ASO
EOF
IC5055
TC74HC541AF
BUFFER
IC5103 (1/7)
TC74HC04AF
CKR INV.
LA
RA9 TO P4
TO P2 TA
WA TO P2
TO P5. P6. P8
QA (0 . . 1)
C
TO P4-P6. P8
CKR
TO P5. P6. P8
ZA
TO P1
PSC-P7
(PARALLEL SERIAL CONVERTER)
B-SS7628<WW.>-PSC-P7

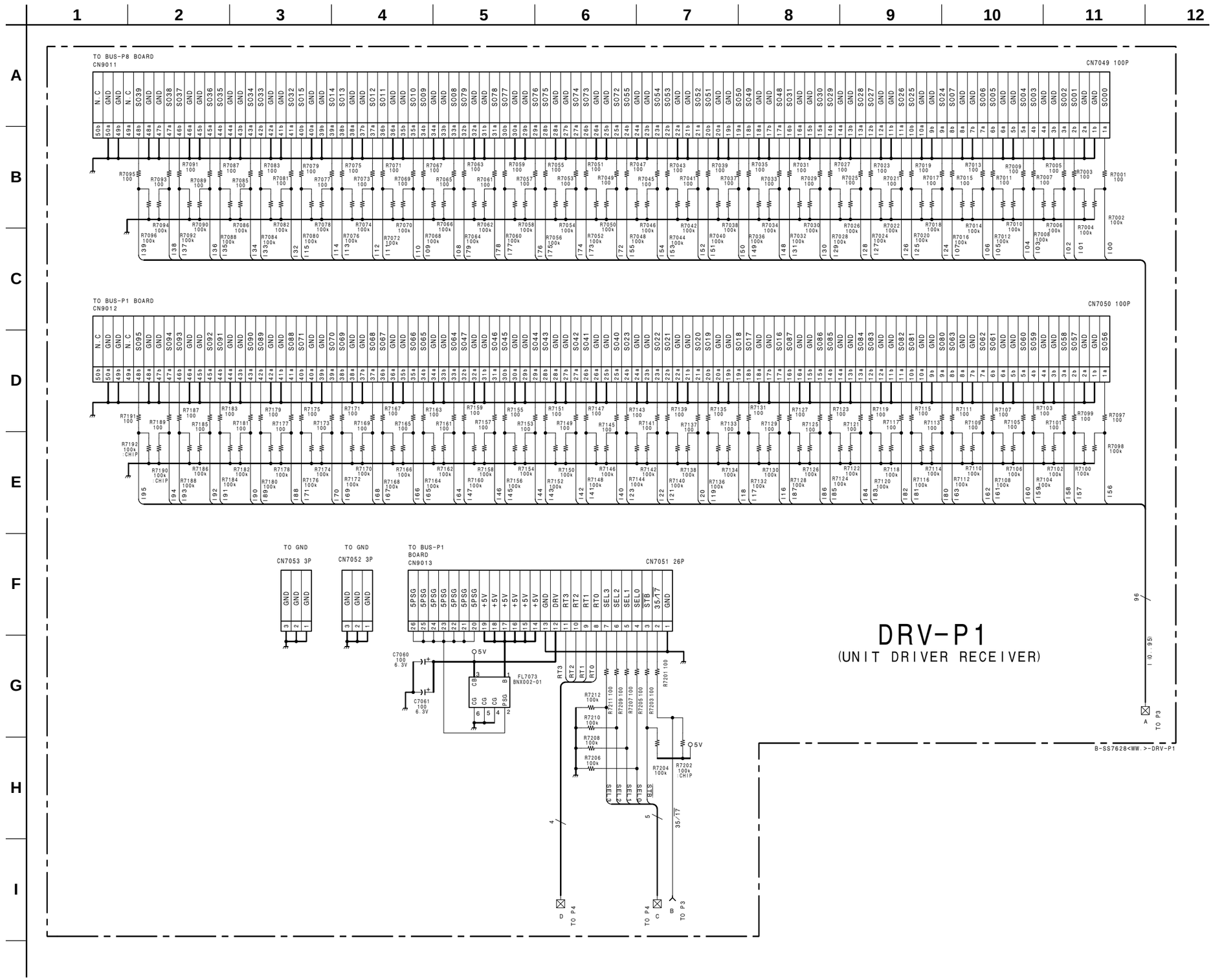

IC5068
EPM7096LC68-15
PS CONV
IC5056
HD74HC160FP
DPM RD-AD. GEN.
IC5058
TC74HC161AF
DPM RD-AD.GEN.
IC5057
TC74HC161AF
DPM RD-AD.GEN.
IC5059
TC74HC161AF
DPM RD-AD.GEN.
IC5060
WS57C191C-45J
RD AD CONV
IC5061
TC74HC138AF
SELECTOR
IC5062
TC74HC574AF
DELAY
IC5063
TC74HC574AF
DELAY
IC5064
WS57C191C-45J
10-10 CONV
IC5065
WS57C191C-45J
10-10 CONV
IC5066
IDT74FCT827ASO
SYNC
IC5067
IDT74FCT827ASO
EOF
IC5069
TC74HC541AF
BUFFER
IC5101 (4/7)
TC74HC04AF
INVERTER
IC5101 (5/7)
TC74HC04AF
RD-AD STARTER
IC5101 (6/7)
TC74HC04AF
INVERTER
IC5099 (2/5)
TC74HC02AF
PS-CONV LD
IC5100 (2/5)
TC74HC00AF
10-10 CONV SEL
IC5103 (5/7)
TC74HC04AF
CKR INV.
IC5103 (2/7)
TC74HC04AF
CKR INV.
TO P1 LB
TO P4 F0
TO P1 A8R
TO P5-P7 CKR
TO P1 CKR
TO P4-7 C
QA (0..1) TO P5-7
RB9 TO P4
TB TO P2
WB TO P2
ZB TO P1
PSC-P8
(PARALLEL SERIAL CONVERTER)
B-SS7628<WW.>-PSC-P8



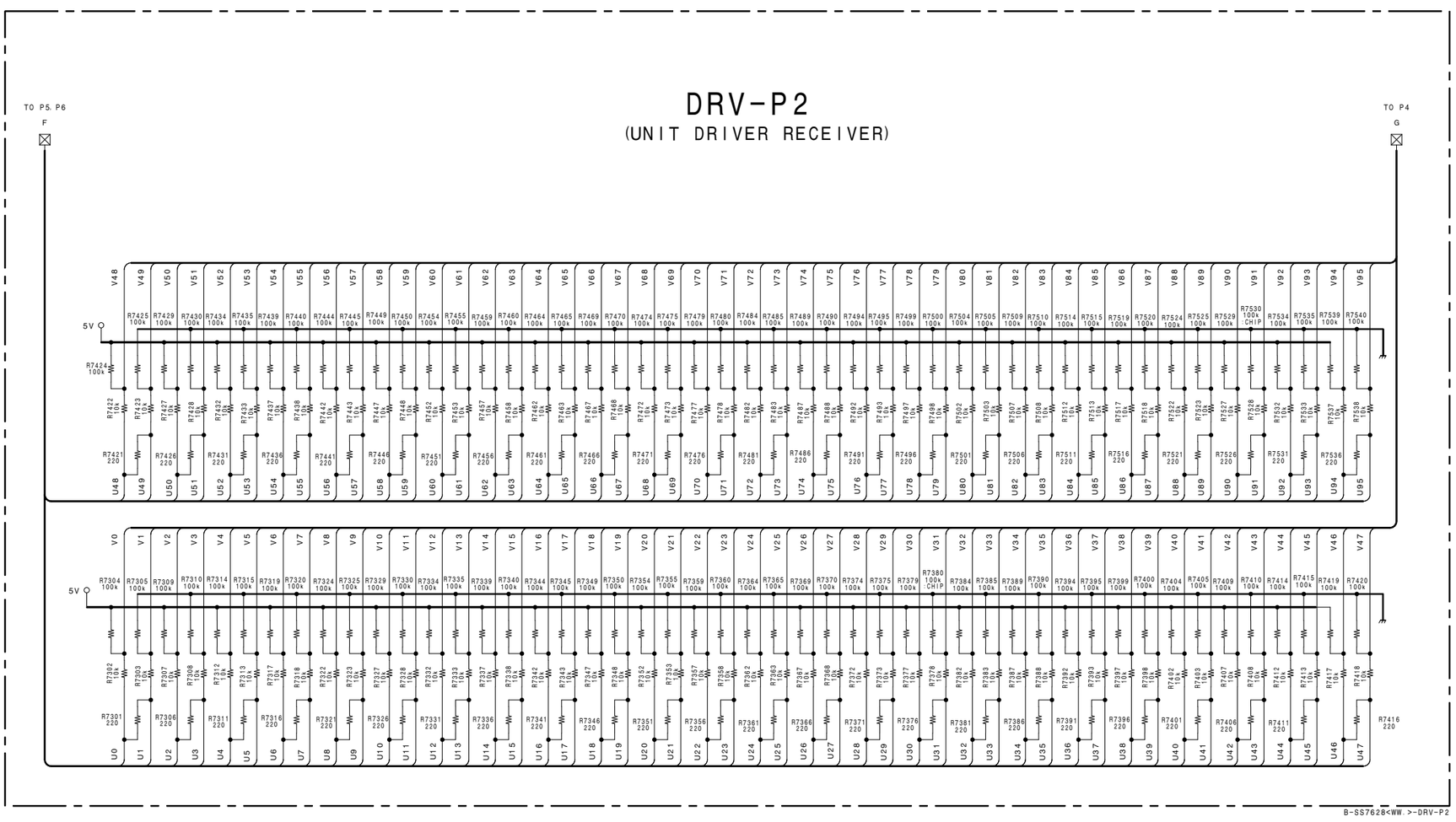
DRV – A SIDE –
SUFFIX: -11



DRV – B SIDE –
SUFFIX: -11


TO BUS-P8 BOARD
CN9011
CN7049 100P
TO BUS-P1 BOARD
CN9012
CN7050 100P
TO GND
CN7053 3P
TO GND
CN7052 3P
TO BUS-P1 BOARD
CN9013
CN7051 26P
DRV-P1
(UNIT DRIVER RECEIVER)
B-SS7628<WW.>-DRV-P1

DRV-P2
(UNIT DRIVER RECEIVER)



DRV-P3
(UNIT DRIVER RECEIVER)

TO P1 A

B TO P1

IC7051 (1/6) TC74HC04AF 32 DOT TYPE SELECTOR

IC7051 (2/6) TC74HC04AF 32 DOT TYPE SELECTOR

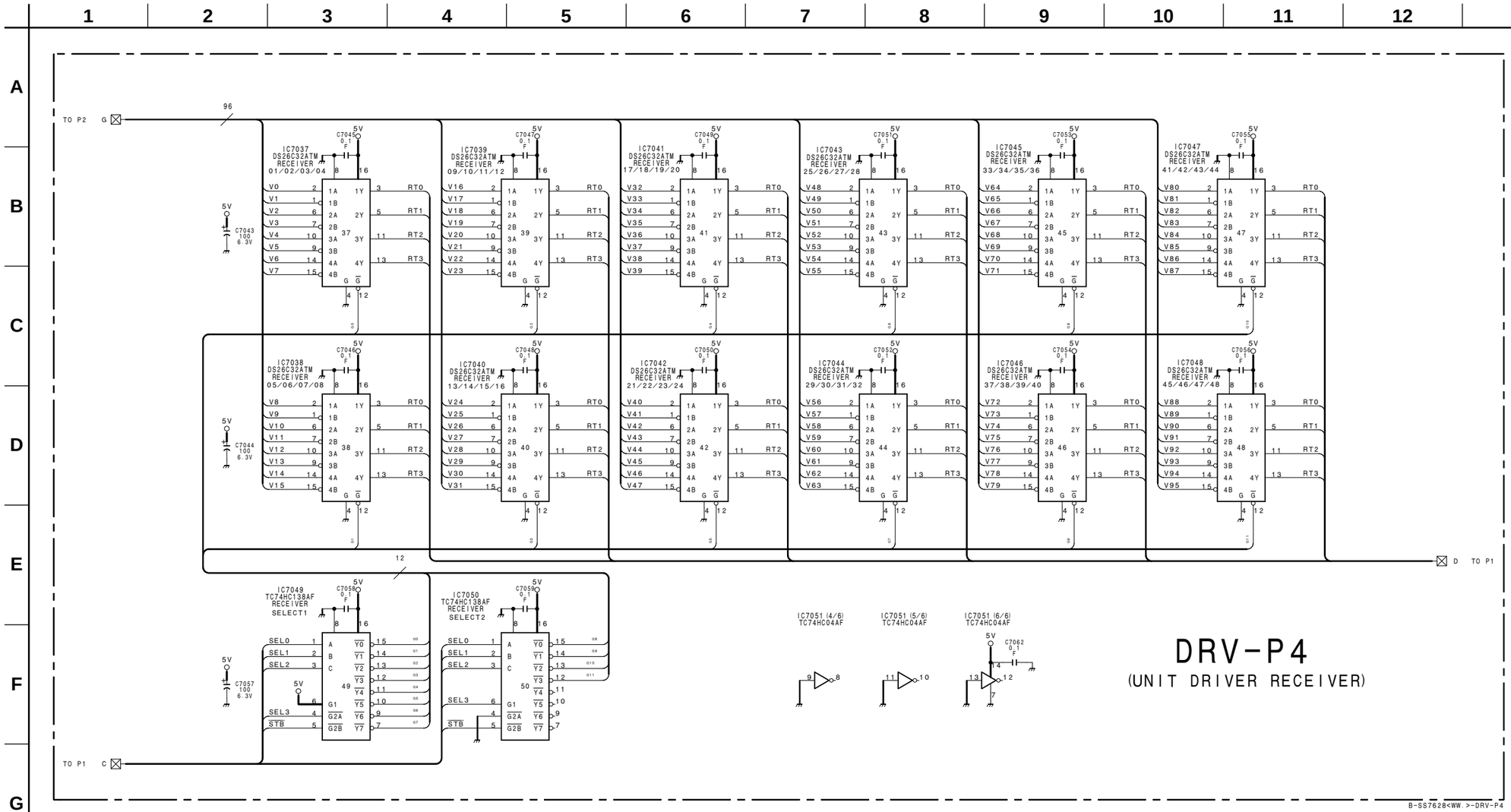
IC7051 (3/6) TC74HC04AF 16 DOT TYPE SELECTOR

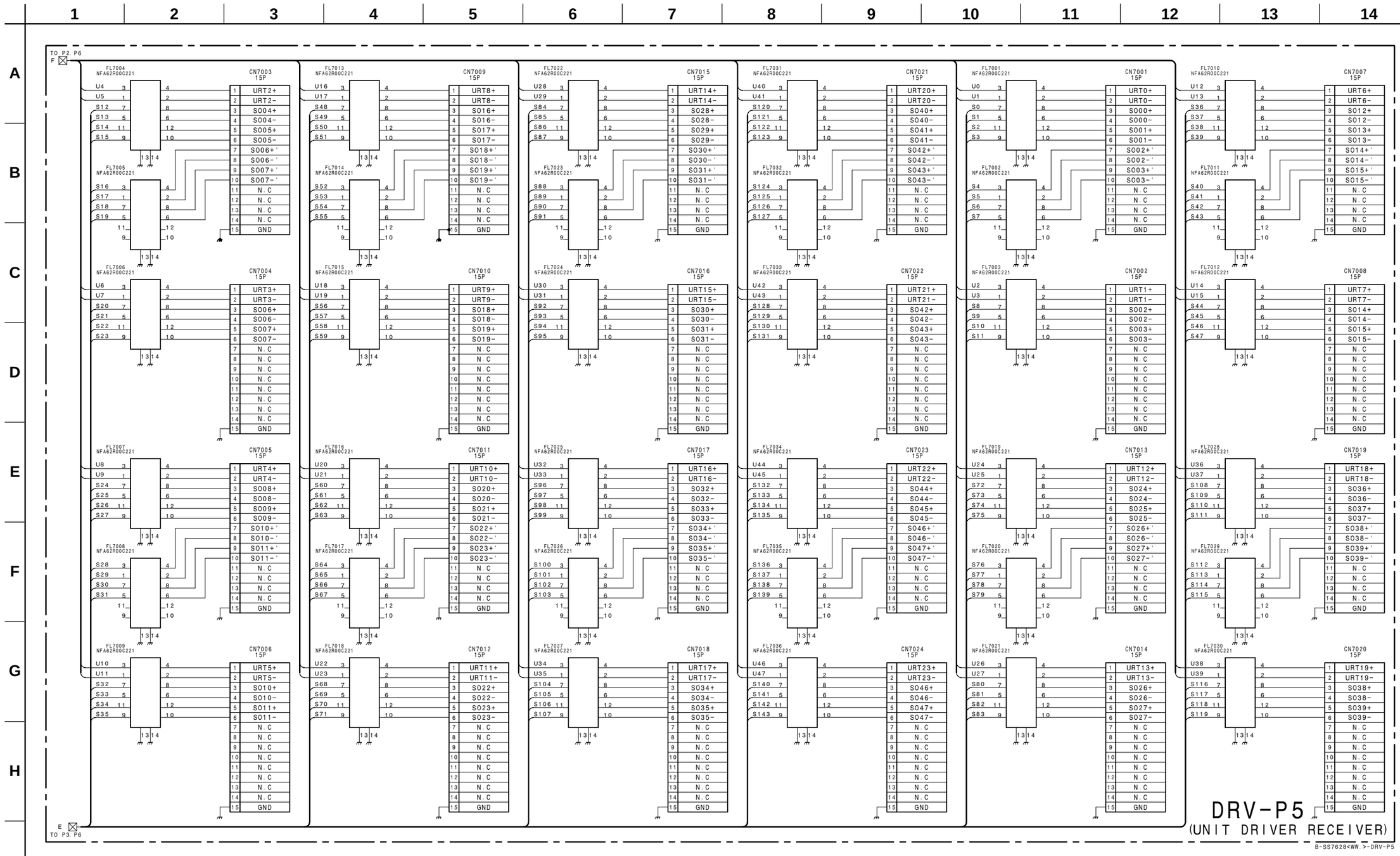
IC7001 DS26C31TM DRIVER 01/03 — C7007 0.1 — 5V
IC7002 DS26C31TM DRIVER 01/03A — C7008 0.1 — 5V
IC7003 DS26C31TM DRIVER 02/04 — C7009 0.1 — 5V
IC7004 DS26C31TM DRIVER 05/07 — C7010 0.1 — 5V
IC7005 DS26C31TM DRIVER 05/07A — C7011 0.1 — 5V
IC7006 DS26C31TM DRIVER 06/08 — C7012 0.1 — 5V
IC7007 DS26C31TM DRIVER 09/11 — C7013 0.1 — 5V
IC7008 DS26C31TM DRIVER 09/11A — C7014 0.1 — 5V
IC7009 DS26C31TM DRIVER 10/12 — C7015 0.1 — 5V
IC7010 DS26C31TM DRIVER 13/15 — C7016 0.1 — 5V
IC7011 DS26C31TM DRIVER 13/15A — C7017 0.1 — 5V
IC7012 DS26C31TM DRIVER 14/16 — C7018 0.1 — 5V
IC7013 DS26C31TM DRIVER 17/19 — C7019 0.1 — 5V
IC7014 DS26C31TM DRIVER 17/19A — C7020 0.1 — 5V
IC7015 DS26C31TM DRIVER 18/20 — C7021 0.1 — 5V
IC7016 DS26C31TM DRIVER 21/23 — C7022 0.1 — 5V
IC7017 DS26C31TM DRIVER 21/23A — C7023 0.1 — 5V
IC7018 DS26C31TM DRIVER 22/24 — C7024 0.1 — 5V
IC7019 DS26C31TM DRIVER 25/27 — C7025 0.1 — 5V
IC7020 DS26C31TM DRIVER 25/27A — C7025 0.1 — 5V
IC7021 DS26C31TM DRIVER 26/28 — C7027 0.1 — 5V
IC7022 DS26C31TM DRIVER 29/31 — C7028 0.1 — 5V
IC7023 DS26C31TM DRIVER 29/31A — C7029 0.1 — 5V
IC7024 DS26C31TM DRIVER 30/32 — C7030 0.1 — 5V
IC7025 DS26C31TM DRIVER 33/35 — C7033 0.1 — 5V
IC7026 DS26C31TM DRIVER 33/35A — C7033 0.1 — 5V
IC7027 DS26C31TM DRIVER 34/36 — C7033 0.1 — 5V
IC7028 DS26C31TM DRIVER 37/39 — C7034 0.1 — 5V
IC7029 DS26C31TM DRIVER 37/39A — C7035 0.1 — 5V
IC7030 DS26C31TM DRIVER 38/40 — C7035 0.1 — 5V
IC7031 DS26C31TM DRIVER 41/43 — C7037 0.1 — 5V
IC7032 DS26C31TM DRIVER 41/43A — C7037 0.1 — 5V
IC7033 DS26C31TM DRIVER 42/44 — C7039 0.1 — 5V
IC7034 DS26C31TM DRIVER 45/47 — C7040 0.1 — 5V
IC7035 DS26C31TM DRIVER 45/47A — C7041 0.1 — 5V
IC7036 DS26C31TM DRIVER 46/48 — C7042 0.1 — 5V

C7001 100 6.3V
C7002 100 6.3V
C7003 100 6.3V
C7004 100 6.3V
C7005 100 6.3V
C7006 100 6.3V

TO P5, P6 E

B-SS7628<WW.>-DRV-P3


1 2 3 4 5 6 7 8 9 10 11 12 13
A B C D E F G
TO P2 G
96
IC7037 DS26C32ATM RECEIVER 01/02/03/04
IC7039 DS26C32ATM RECEIVER 09/10/11/12
IC7041 DS26C32ATM RECEIVER 17/18/19/20
IC7043 DS26C32ATM RECEIVER 25/26/27/28
IC7045 DS26C32ATM RECEIVER 33/34/35/36
IC7047 DS26C32ATM RECEIVER 41/42/43/44
IC7038 DS26C32ATM RECEIVER 05/06/07/08
IC7040 DS26C32ATM RECEIVER 13/14/15/16
IC7042 DS26C32ATM RECEIVER 21/22/23/24
IC7044 DS26C32ATM RECEIVER 29/30/31/32
IC7046 DS26C32ATM RECEIVER 37/38/39/40
IC7048 DS26C32ATM RECEIVER 45/46/47/48
C7043 100 6.3V
C7044 100 6.3V
C7045 0.1 F
C7046 0.1 F
C7047 0.1 F
C7048 0.1 F
C7049 0.1 F
C7050 0.1 F
C7051 0.1 F
C7052 0.1 F
C7053 0.1 F
C7054 0.1 F
C7055 0.1 F
C7056 0.1 F
D TO P1
12
IC7049 TC74HC138AF RECEIVER SELECT1
IC7050 TC74HC138AF RECEIVER SELECT2
C7057 100 6.3V
C7058 0.1 F
C7059 0.1 F
SEL0
SEL1
SEL2
SEL3
STB
TO P1 C
IC7051 (4/6) TC74HC04AF
IC7051 (5/6) TC74HC04AF
IC7051 (6/6) TC74HC04AF
C7062 0.1 F
DRV-P4
(UNIT DRIVER RECEIVER)
B-SS7628<WW.>-DRV-P4


1 2 3 4 5 6 7 8 9 10 11 12 13 14
A B C D E F G H I
TO P2. P6
F
E
TO P3. P6
FL7004 NFA62R00C221
CN7003 15P
U4 U5 S12 S13 S14 S15
FL7005 NFA62R00C221
S16 S17 S18 S19
FL7006 NFA62R00C221
CN7004 15P
U6 U7 S20 S21 S22 S23
FL7007 NFA62R00C221
CN7005 15P
U8 U9 S24 S25 S26 S27
FL7008 NFA62R00C221
S28 S29 S30 S31
FL7009 NFA62R00C221
CN7006 15P
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FL7013 NFA62R00C221
CN7009 15P
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FL7014 NFA62R00C221
S52 S53 S54 S55
FL7015 NFA62R00C221
CN7010 15P
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FL7016 NFA62R00C221
CN7011 15P
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FL7017 NFA62R00C221
S64 S65 S66 S67
FL7018 NFA62R00C221
CN7012 15P
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FL7022 NFA62R00C221
CN7015 15P
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FL7023 NFA62R00C221
S88 S89 S90 S91
FL7024 NFA62R00C221
CN7016 15P
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CN7017 15P
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CN7018 15P
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FL7031 NFA62R00C221
CN7021 15P
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FL7032 NFA62R00C221
S124 S125 S126 S127
FL7033 NFA62R00C221
CN7022 15P
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CN7023 15P
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S136 S137 S138 S139
FL7036 NFA62R00C221
CN7024 15P
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FL7001 NFA62R00C221
CN7001 15P
U0 U1 S0 S1 S2 S3
FL7002 NFA62R00C221
S4 S5 S6 S7
FL7003 NFA62R00C221
CN7002 15P
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FL7019 NFA62R00C221
CN7013 15P
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S76 S77 S78 S79
FL7021 NFA62R00C221
CN7014 15P
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FL7010 NFA62R00C221
CN7007 15P
U12 U13 S36 S37 S38 S39
FL7011 NFA62R00C221
S40 S41 S42 S43
FL7012 NFA62R00C221
CN7008 15P
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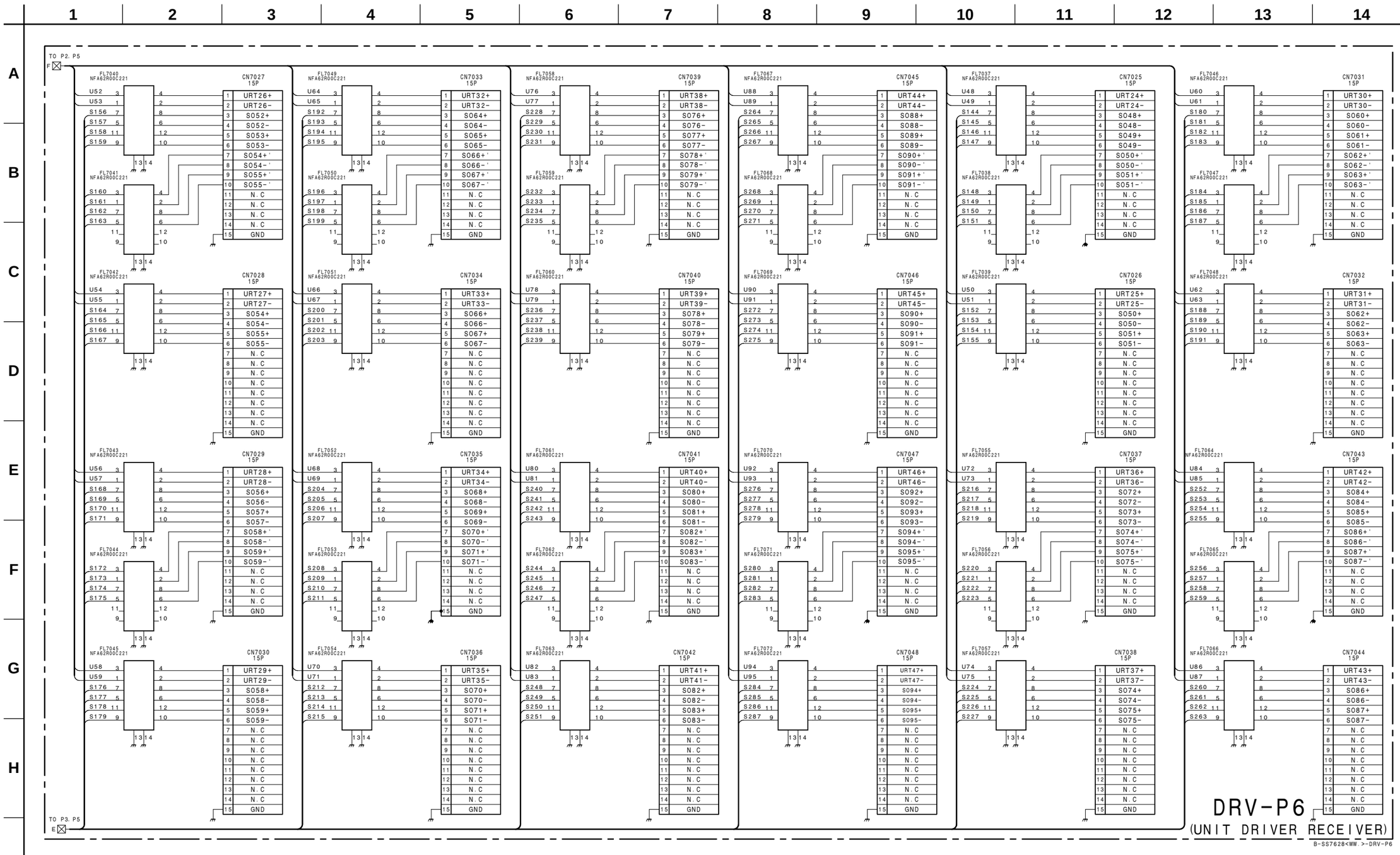
FL7028 NFA62R00C221
CN7019 15P
U36 U37 S108 S109 S110 S111
FL7029 NFA62R00C221
S112 S113 S114 S115
FL7030 NFA62R00C221
CN7020 15P
U38 U39 S116 S117 S118 S119
URT0+ URT0- S000+ S000- S001+ S001- S002+' S002-' S003+' S003-' N.C GND
URT1+ URT1- S002+ S002- S003+ S003- N.C GND
URT2+ URT2- S004+ S004- S005+ S005- S006+' S006-' S007+' S007-' N.C GND
URT3+ URT3- S006+ S006- S007+ S007- N.C GND
URT4+ URT4- S008+ S008- S009+ S009- S010+' S010-' S011+' S011-' N.C GND
URT5+ URT5- S010+ S010- S011+ S011- N.C GND
URT6+ URT6- S012+ S012- S013+ S013- S014+' S014-' S015+' S015-' N.C GND
URT7+ URT7- S014+ S014- S015+ S015- N.C GND
URT8+ URT8- S016+ S016- S017+ S017- S018+' S018-' S019+' S019-' N.C GND
URT9+ URT9- S018+ S018- S019+ S019- N.C GND
URT10+ URT10- S020+ S020- S021+ S021- S022+' S022-' S023+' S023-' N.C GND
URT11+ URT11- S022+ S022- S023+ S023- N.C GND
URT12+ URT12- S024+ S024- S025+ S025- S026+' S026-' S027+' S027-' N.C GND
URT13+ URT13- S026+ S026- S027+ S027- N.C GND
URT14+ URT14- S028+ S028- S029+ S029- S030+' S030-' S031+' S031-' N.C GND
URT15+ URT15- S030+ S030- S031+ S031- N.C GND
URT16+ URT16- S032+ S032- S033+ S033- S034+' S034-' S035+' S035-' N.C GND
URT17+ URT17- S034+ S034- S035+ S035- N.C GND
URT18+ URT18- S036+ S036- S037+ S037- S038+' S038-' S039+' S039-' N.C GND
URT19+ URT19- S038+ S038- S039+ S039- N.C GND
URT20+ URT20- S040+ S040- S041+ S041- S042+' S042-' S043+' S043-' N.C GND
URT21+ URT21- S042+ S042- S043+ S043- N.C GND
URT22+ URT22- S044+ S044- S045+ S045- S046+' S046-' S047+' S047-' N.C GND
URT23+ URT23- S046+ S046- S047+ S047- N.C GND
DRV-P5
(UNIT DRIVER RECEIVER)
B-SS7628<WW.>-DRV-P5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TO P3. P5
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URT26+ URT26- S052+ S052- S053+ S053-
FL7041 NFA62R00C221
S160 S161 S162 S163
S054+' S054-' S055+' S055-'
FL7042 NFA62R00C221
CN7028 15P
U54 U55 S164 S165 S166 S167
URT27+ URT27- S054+ S054- S055+ S055-
FL7043 NFA62R00C221
CN7029 15P
U56 U57 S168 S169 S170 S171
URT28+ URT28- S056+ S056- S057+ S057-
FL7044 NFA62R00C221
S172 S173 S174 S175
S058+' S058-' S059+' S059-'
FL7045 NFA62R00C221
CN7030 15P
U58 U59 S176 S177 S178 S179
URT29+ URT29- S058+ S058- S059+ S059-
FL7049 NFA62R00C221
CN7033 15P
U64 U65 S192 S193 S194 S195
URT32+ URT32- S064+ S064- S065+ S065-
FL7050 NFA62R00C221
S196 S197 S198 S199
S066+' S066-' S067+' S067-'
FL7051 NFA62R00C221
CN7034 15P
U66 U67 S200 S201 S202 S203
URT33+ URT33- S066+ S066- S067+ S067-
FL7052 NFA62R00C221
CN7035 15P
U68 U69 S204 S205 S206 S207
URT34+ URT34- S068+ S068- S069+ S069-
FL7053 NFA62R00C221
S208 S209 S210 S211
S070+' S070-' S071+' S071-'
FL7054 NFA62R00C221
CN7036 15P
U70 U71 S212 S213 S214 S215
URT35+ URT35- S070+ S070- S071+ S071-
FL7058 NFA62R00C221
CN7039 15P
U76 U77 S228 S229 S230 S231
URT38+ URT38- S076+ S076- S077+ S077-
FL7059 NFA62R00C221
S232 S233 S234 S235
S078+' S078-' S079+' S079-'
FL7060 NFA62R00C221
CN7040 15P
U78 U79 S236 S237 S238 S239
URT39+ URT39- S078+ S078- S079+ S079-
FL7061 NFA62R00C221
CN7041 15P
U80 U81 S240 S241 S242 S243
URT40+ URT40- S080+ S080- S081+ S081-
FL7062 NFA62R00C221
S244 S245 S246 S247
S082+' S082-' S083+' S083-'
FL7063 NFA62R00C221
CN7042 15P
U82 U83 S248 S249 S250 S251
URT41+ URT41- S082+ S082- S083+ S083-
FL7067 NFA62R00C221
CN7045 15P
U88 U89 S264 S265 S266 S267
URT44+ URT44- S088+ S088- S089+ S089-
FL7068 NFA62R00C221
S268 S269 S270 S271
S090+' S090-' S091+' S091-'
FL7069 NFA62R00C221
CN7046 15P
U90 U91 S272 S273 S274 S275
URT45+ URT45- S090+ S090- S091+ S091-
FL7070 NFA62R00C221
CN7047 15P
U92 U93 S276 S277 S278 S279
URT46+ URT46- S092+ S092- S093+ S093-
FL7071 NFA62R00C221
S280 S281 S282 S283
S094+' S094-' S095+' S095-'
FL7072 NFA62R00C221
CN7048 15P
U94 U95 S284 S285 S286 S287
URT47+ URT47- S094+ S094- S095+ S095-
FL7037 NFA62R00C221
CN7025 15P
U48 U49 S144 S145 S146 S147
URT24+ URT24- S048+ S048- S049+ S049-
FL7038 NFA62R00C221
S148 S149 S150 S151
S050+' S050-' S051+' S051-'
FL7039 NFA62R00C221
CN7026 15P
U50 U51 S152 S153 S154 S155
URT25+ URT25- S050+ S050- S051+ S051-
FL7055 NFA62R00C221
CN7037 15P
U72 U73 S216 S217 S218 S219
URT36+ URT36- S072+ S072- S073+ S073-
FL7056 NFA62R00C221
S220 S221 S222 S223
S074+' S074-' S075+' S075-'
FL7057 NFA62R00C221
CN7038 15P
U74 U75 S224 S225 S226 S227
URT37+ URT37- S074+ S074- S075+ S075-
FL7046 NFA62R00C221
CN7031 15P
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URT30+ URT30- S060+ S060- S061+ S061-
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S062+' S062-' S063+' S063-'
FL7048 NFA62R00C221
CN7032 15P
U62 U63 S188 S189 S190 S191
URT31+ URT31- S062+ S062- S063+ S063-
FL7064 NFA62R00C221
CN7043 15P
U84 U85 S252 S253 S254 S255
URT42+ URT42- S084+ S084- S085+ S085-
FL7065 NFA62R00C221
S256 S257 S258 S259
S086+' S086-' S087+' S087-'
FL7066 NFA62R00C221
CN7044 15P
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(UNIT DRIVER RECEIVER)
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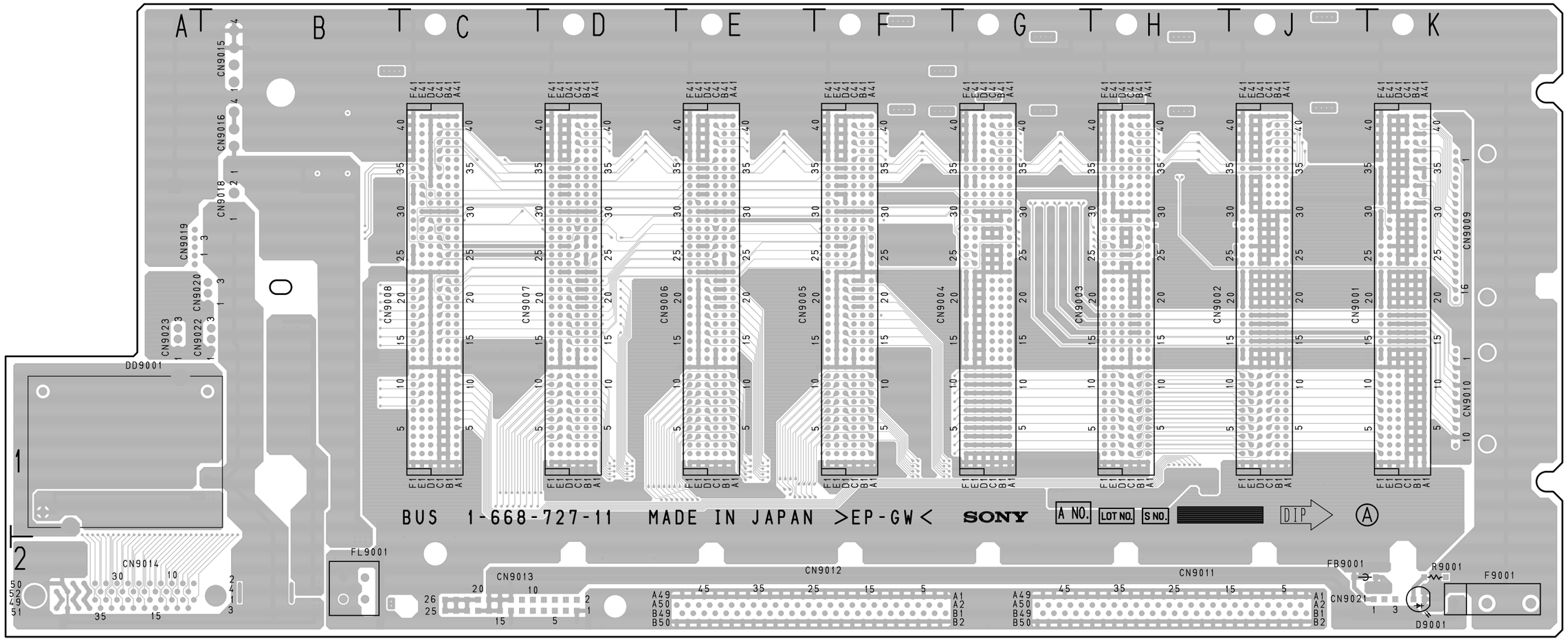
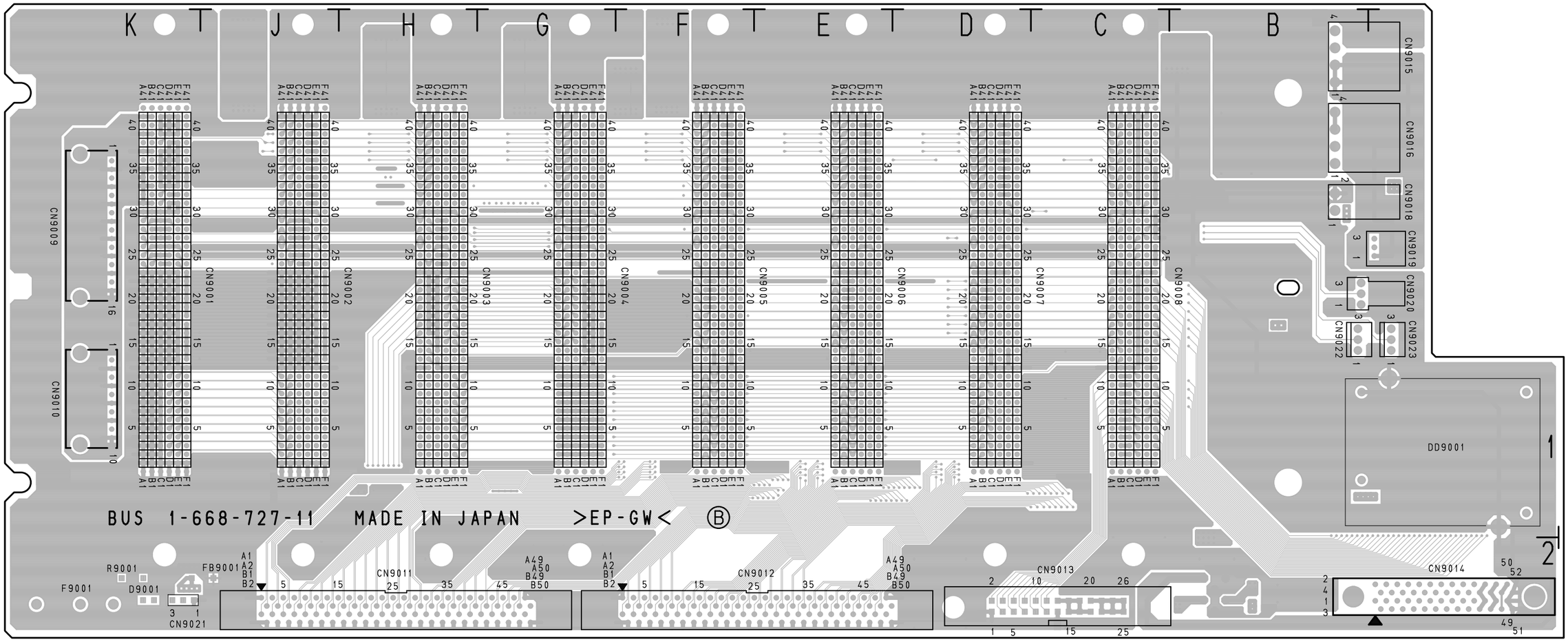
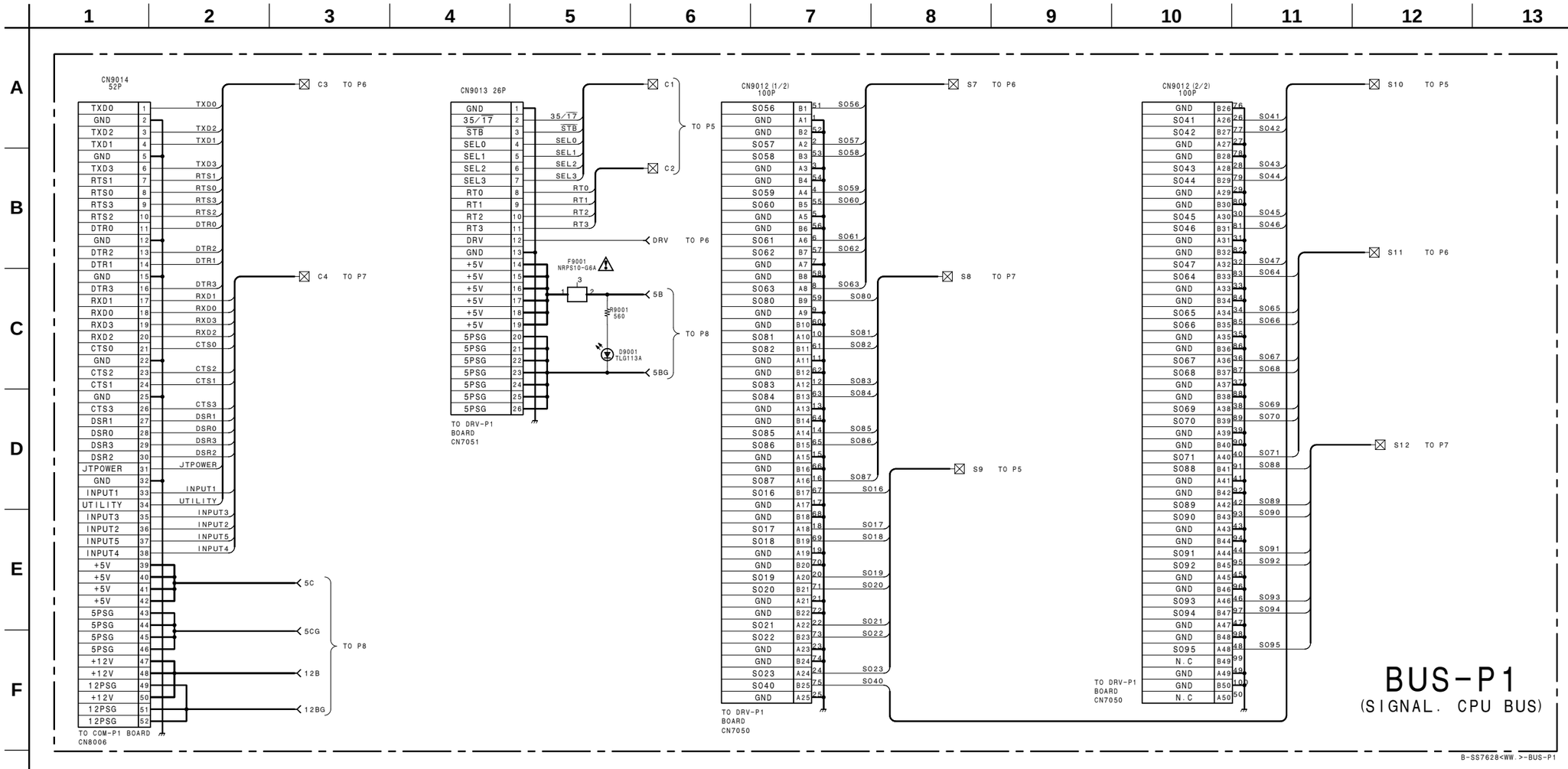


BUS – A SIDE –
SUFFIX: -11



BUS – B SIDE –
SUFFIX: -11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GND 2
TXD2 3
TXD1 4
GND 5
TXD3 6
RTS1 7
RTS0 8
RTS3 9
RTS2 10
DTR0 11
GND 12
DTR2 13
DTR1 14
GND 15
DTR3 16
RXD1 17
RXD0 18
RXD3 19
RXD2 20
CTS0 21
GND 22
CTS2 23
CTS1 24
GND 25
CTS3 26
DSR1 27
DSR0 28
DSR3 29
DSR2 30
JTPOWER 31
GND 32
INPUT1 33
UTILITY 34
INPUT3 35
INPUT2 36
INPUT5 37
INPUT4 38
+5V 39
+5V 40
+5V 41
+5V 42
5PSG 43
5PSG 44
5PSG 45
5PSG 46
+12V 47
+12V 48
12PSG 49
+12V 50
12PSG 51
12PSG 52
TO COM-P1 BOARD
CN8006
C3 TO P6
C4 TO P7
5C
5CG
12B
12BG
TO P8
CN9013 26P
GND 1
35/17 2
STB 3
SEL0 4
SEL1 5
SEL2 6
SEL3 7
RT0 8
RT1 9
RT2 10
RT3 11
DRV 12
GND 13
+5V 14
+5V 15
+5V 16
+5V 17
+5V 18
+5V 19
5PSG 20
5PSG 21
5PSG 22
5PSG 23
5PSG 24
5PSG 25
5PSG 26
TO DRV-P1
BOARD
CN7051
C1
C2
TO P5
DRV TO P6
F9001
NRPS10-G6A
5B
R9001
560
D9001
TLG113A
5BG
TO P8
CN9012 (1/2)
100P
SO56 B1 51
GND A1 1
GND B2 52
SO57 A2 2
SO58 B3 53
GND A3 3
GND B4 54
SO59 A4 4
SO60 B5 55
GND A5 5
GND B6 56
SO61 A6 6
SO62 B7 57
GND A7 7
GND B8 58
SO63 A8 8
SO80 B9 59
GND A9 9
GND B10 60
SO81 A10 10
SO82 B11 61
GND A11 11
GND B12 62
SO83 A12 12
SO84 B13 63
GND A13 13
GND B14 64
SO85 A14 14
SO86 B15 65
GND A15 15
GND B16 66
SO87 A16 16
SO16 B17 67
GND A17 17
GND B18 68
SO17 A18 18
SO18 B19 69
GND A19 19
GND B20 70
SO19 A20 20
SO20 B21 71
GND A21 21
GND B22 72
SO21 A22 22
SO22 B23 73
GND A23 23
GND B24 74
SO23 A24 24
SO40 B25 75
GND A25 25
TO DRV-P1
BOARD
CN7050
S7 TO P6
S8 TO P7
S9 TO P5
CN9012 (2/2)
100P
GND B26 76
SO41 A26 26
SO42 B27 77
GND A27 27
GND B28 78
SO43 A28 28
SO44 B29 79
GND A29 29
GND B30 80
SO45 A30 30
SO46 B31 81
GND A31 31
GND B32 82
SO47 A32 32
SO64 B33 83
GND A33 33
GND B34 84
SO65 A34 34
SO66 B35 85
GND A35 35
GND B36 86
SO67 A36 36
SO68 B37 87
GND A37 37
GND B38 88
SO69 A38 38
SO70 B39 89
GND A39 39
GND B40 90
SO71 A40 40
SO88 B41 91
GND A41 41
GND B42 92
SO89 A42 42
SO90 B43 93
GND A43 43
GND B44 94
SO91 A44 44
SO92 B45 95
GND A45 45
GND B46 96
SO93 A46 46
SO94 B47 97
GND A47 47
GND B48 98
SO95 A48 48
N.C B49 99
GND A49 49
GND B50 100
N.C A50 50
TO DRV-P1
BOARD
CN7050
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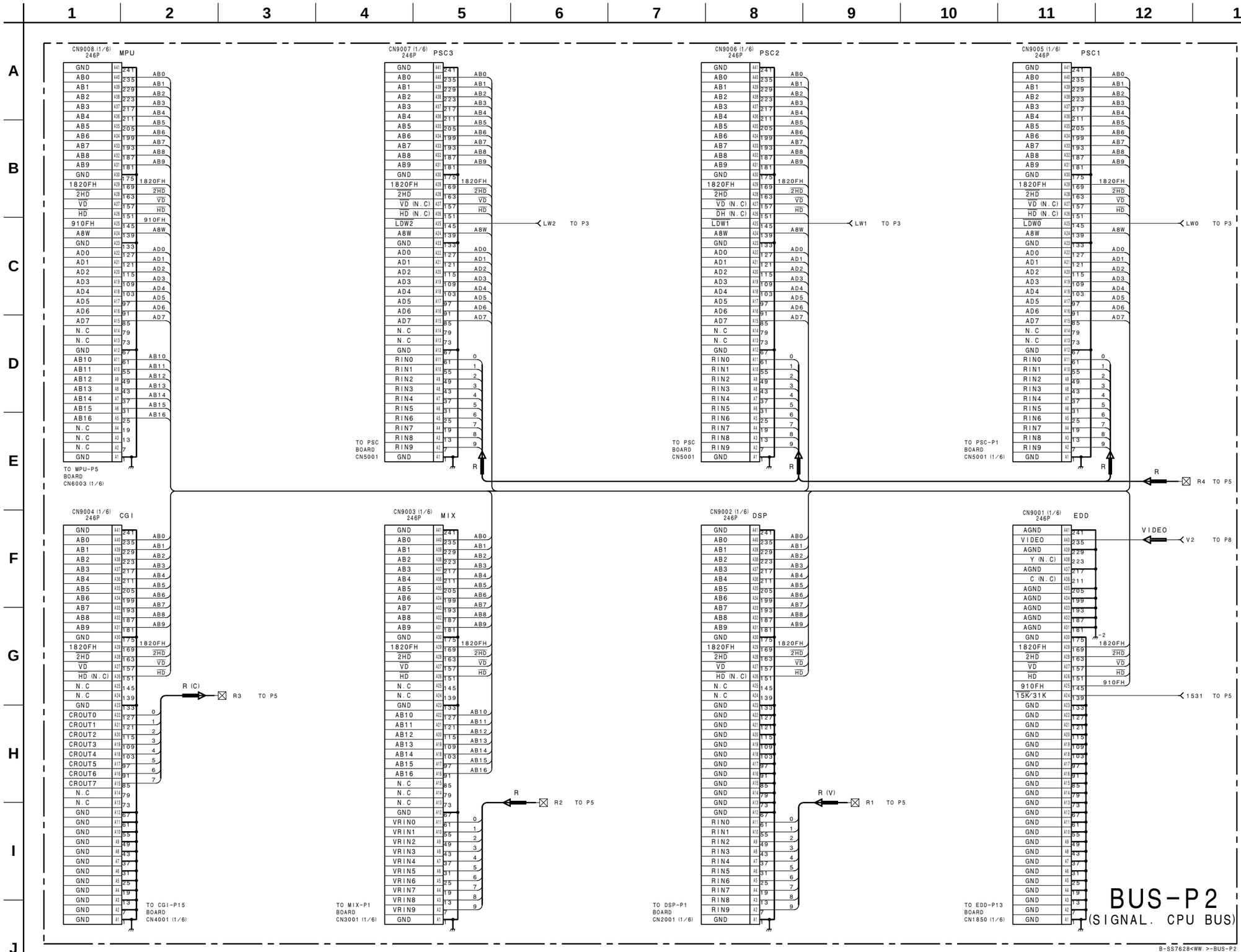
S11 TO P6
S12 TO P7
BUS-P1
(SIGNAL. CPU BUS)
B-SS7628<WW.>-BUS-P1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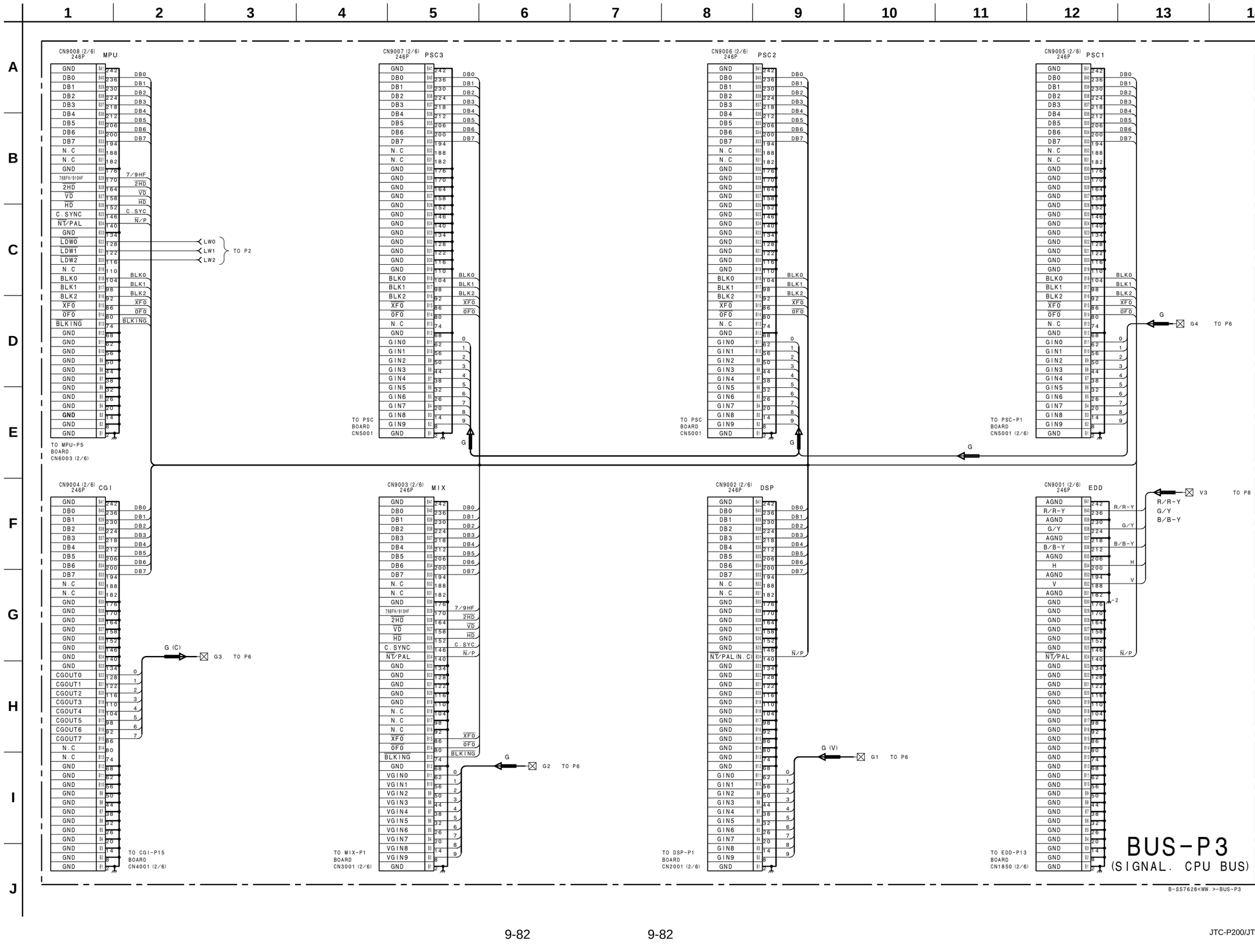
CN9007 (1/6) 246P PSC3
CN9006 (1/6) 246P PSC2
CN9005 (1/6) 246P PSC1
CN9004 (1/6) 246P CGI
CN9003 (1/6) 246P MIX
CN9002 (1/6) 246P DSP
CN9001 (1/6) 246P EDD
TO MPU-P5 BOARD CN6003 (1/6)
TO PSC BOARD CN5001
TO PSC-P1 BOARD CN5001 (1/6)
TO CGI-P15 BOARD CN4001 (1/6)
TO MIX-P1 BOARD CN3001 (1/6)
TO DSP-P1 BOARD CN2001 (1/6)
TO EDD-P13 BOARD CN1850 (1/6)
LW2 TO P3
LW1 TO P3
LW0 TO P3
R4 TO P5
R3 TO P5
R2 TO P5
R1 TO P5
V2 TO P8
1531 TO P5
VIDEO
BUS-P2
(SIGNAL. CPU BUS)
B-SS7628<WW.>-BUS-P2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CN9007 (2/6) 246P PSC3
CN9006 (2/6) 246P PSC2
CN9005 (2/6) 246P PSC1
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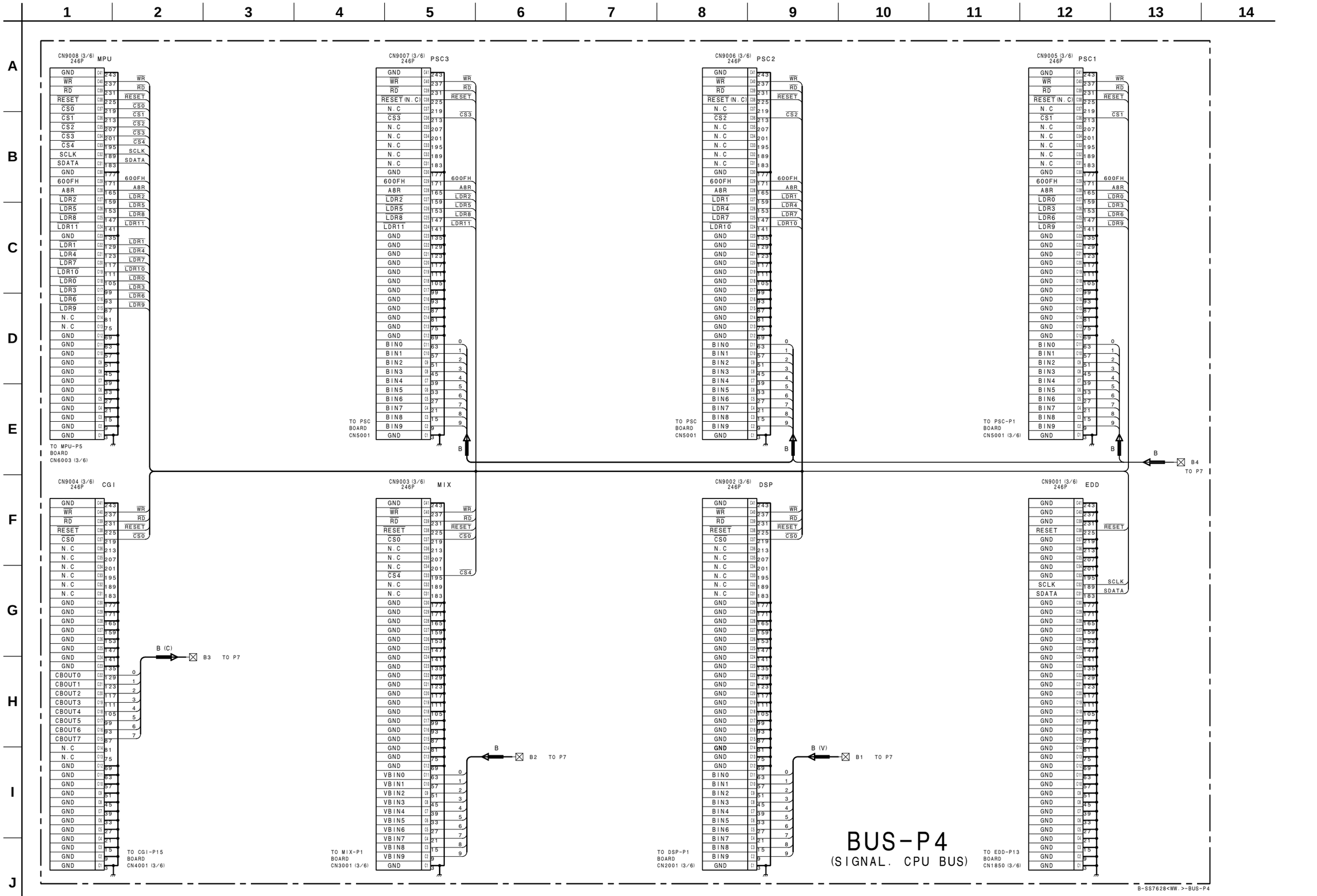
CN9003 (2/6) 246P MIX
CN9002 (2/6) 246P DSP
CN9001 (2/6) 246P EDD
TO MPU-P5 BOARD CN6003 (2/6)
TO PSC BOARD CN5001
TO PSC-P1 BOARD CN5001 (2/6)
TO CGI-P15 BOARD CN4001 (2/6)
TO MIX-P1 BOARD CN3001 (2/6)
TO DSP-P1 BOARD CN2001 (2/6)
TO EDD-P13 BOARD CN1850 (2/6)
TO P2
TO P6
TO P8
BUS-P3
(SIGNAL. CPU BUS)
B-SS7628<WW.>-BUS-P3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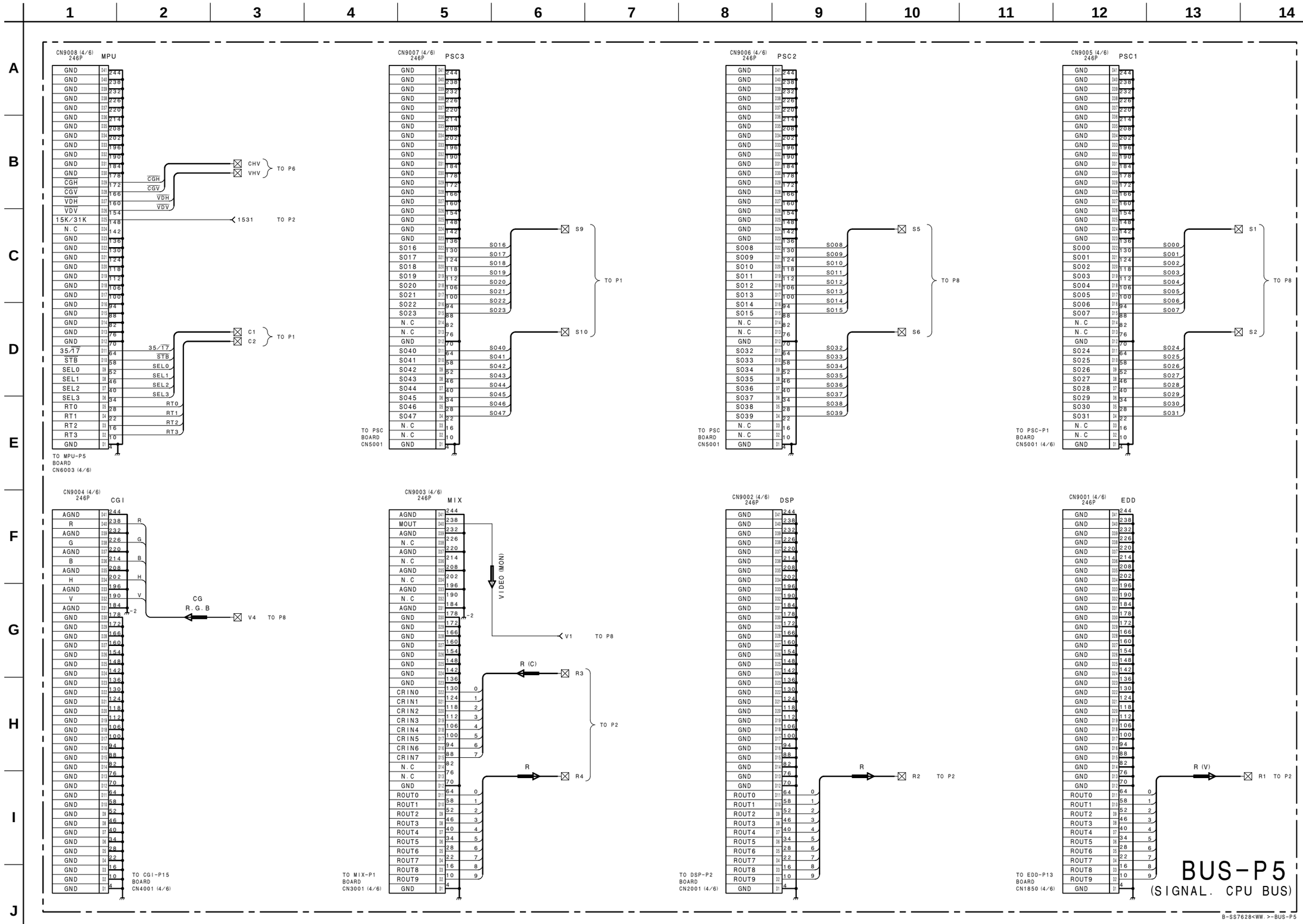
TO MPU-P5 BOARD CN6003 (3/6)
CN9007 (3/6) 246P PSC3
TO PSC BOARD CN5001
CN9006 (3/6) 246P PSC2
TO PSC BOARD CN5001
CN9005 (3/6) 246P PSC1
TO PSC-P1 BOARD CN5001 (3/6)
B4 TO P7
CN9004 (3/6) 246P CGI
B (C) B3 TO P7
TO CGI-P15 BOARD CN4001 (3/6)
CN9003 (3/6) 246P MIX
B B2 TO P7
TO MIX-P1 BOARD CN3001 (3/6)
CN9002 (3/6) 246P DSP
B (V) B1 TO P7
TO DSP-P1 BOARD CN2001 (3/6)
CN9001 (3/6) 246P EDD
TO EDD-P13 BOARD CN1850 (3/6)
BUS-P4
(SIGNAL. CPU BUS)
B-SS7628<WW.>-BUS-P4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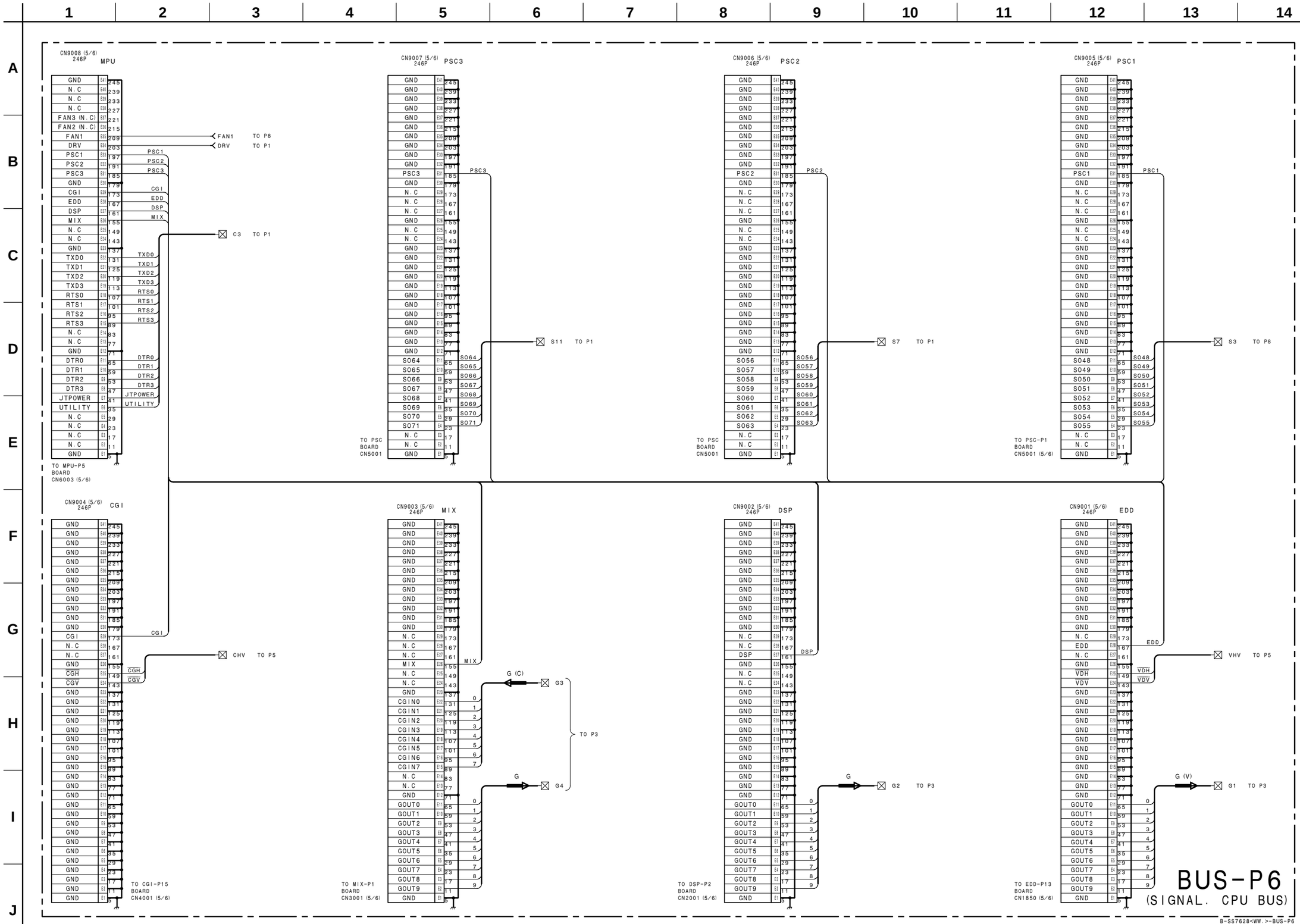
GND GND GND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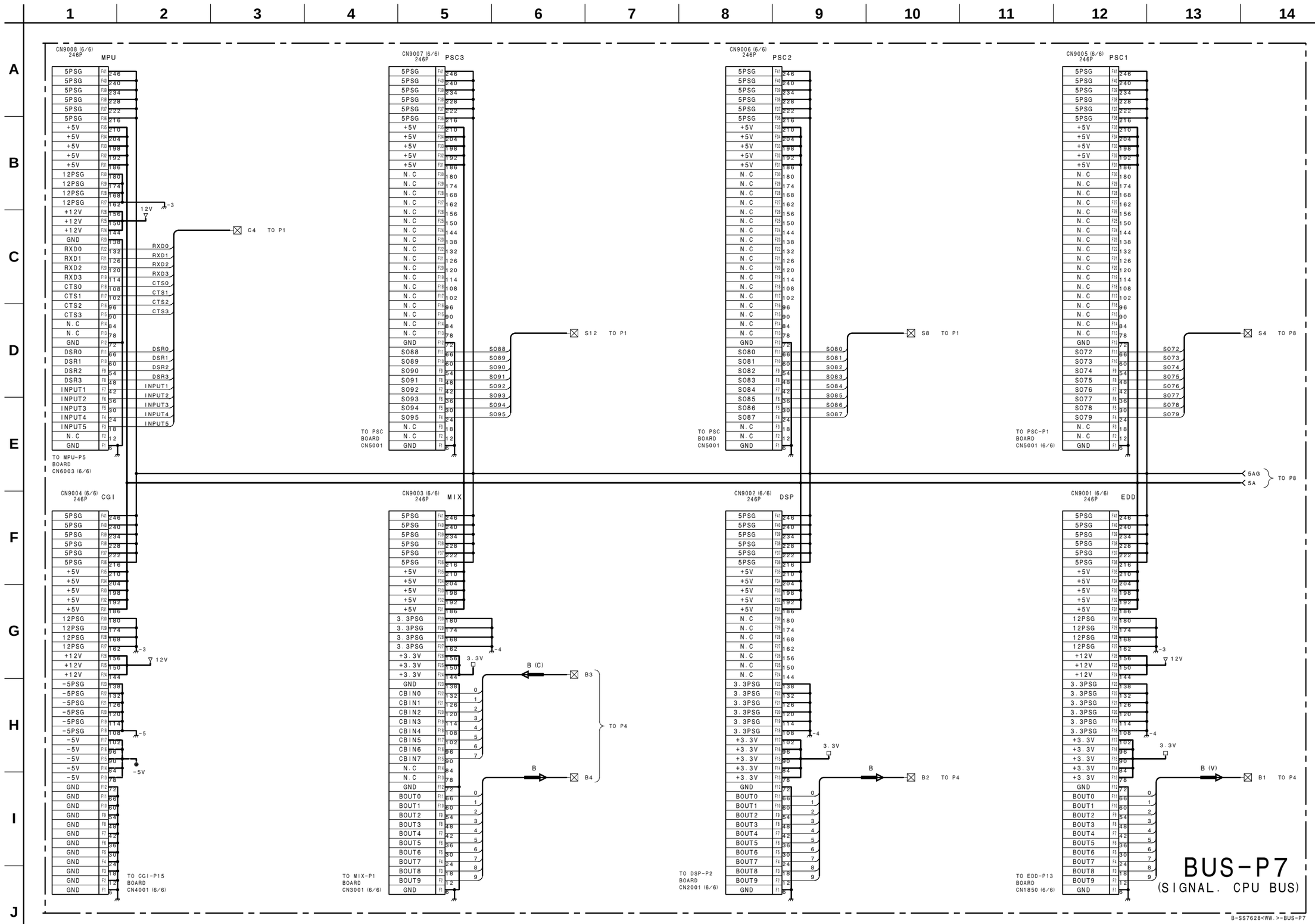
GND N.C N.C N.C FAN3 (N.C) FAN2 (N.C) FAN1 DRV PSC1 PSC2 PSC3 GND CGI EDD DSP MIX N.C N.C GND TXD0 TXD1 TXD2 TXD3 RTS0 RTS1 RTS2 RTS3 N.C N.C GND DTR0 DTR1 DTR2 DTR3 JTPOWER UTILITY N.C N.C N.C GND
FAN1 TO P8
DRV TO P1
C3 TO P1
TO MPU-P5 BOARD CN6003 (5/6)
CN9007 (5/6) 246P PSC3
PSC3
S11 TO P1
TO PSC BOARD CN5001
CN9006 (5/6) 246P PSC2
PSC2
S7 TO P1
TO PSC BOARD CN5001
CN9005 (5/6) 246P PSC1
PSC1
S3 TO P8
TO PSC-P1 BOARD CN5001 (5/6)
CN9004 (5/6) 246P CGI
CGI
CHV TO P5
CGH CGV
TO CGI-P15 BOARD CN4001 (5/6)
CN9003 (5/6) 246P MIX
MIX
G (C)
G3
G
G4
TO P3
TO MIX-P1 BOARD CN3001 (5/6)
CN9002 (5/6) 246P DSP
DSP
G
G2 TO P3
TO DSP-P2 BOARD CN2001 (5/6)
CN9001 (5/6) 246P EDD
EDD
VHV TO P5
VDH VDV
G (V)
G1 TO P3
TO EDD-P13 BOARD CN1850 (5/6)
BUS-P6
(SIGNAL. CPU BUS)
B-5S7628<WW.>-BUS-P6


1 2 3 4 5 6 7 8 9 10 11 12 13 14
A B C D E F G H I J
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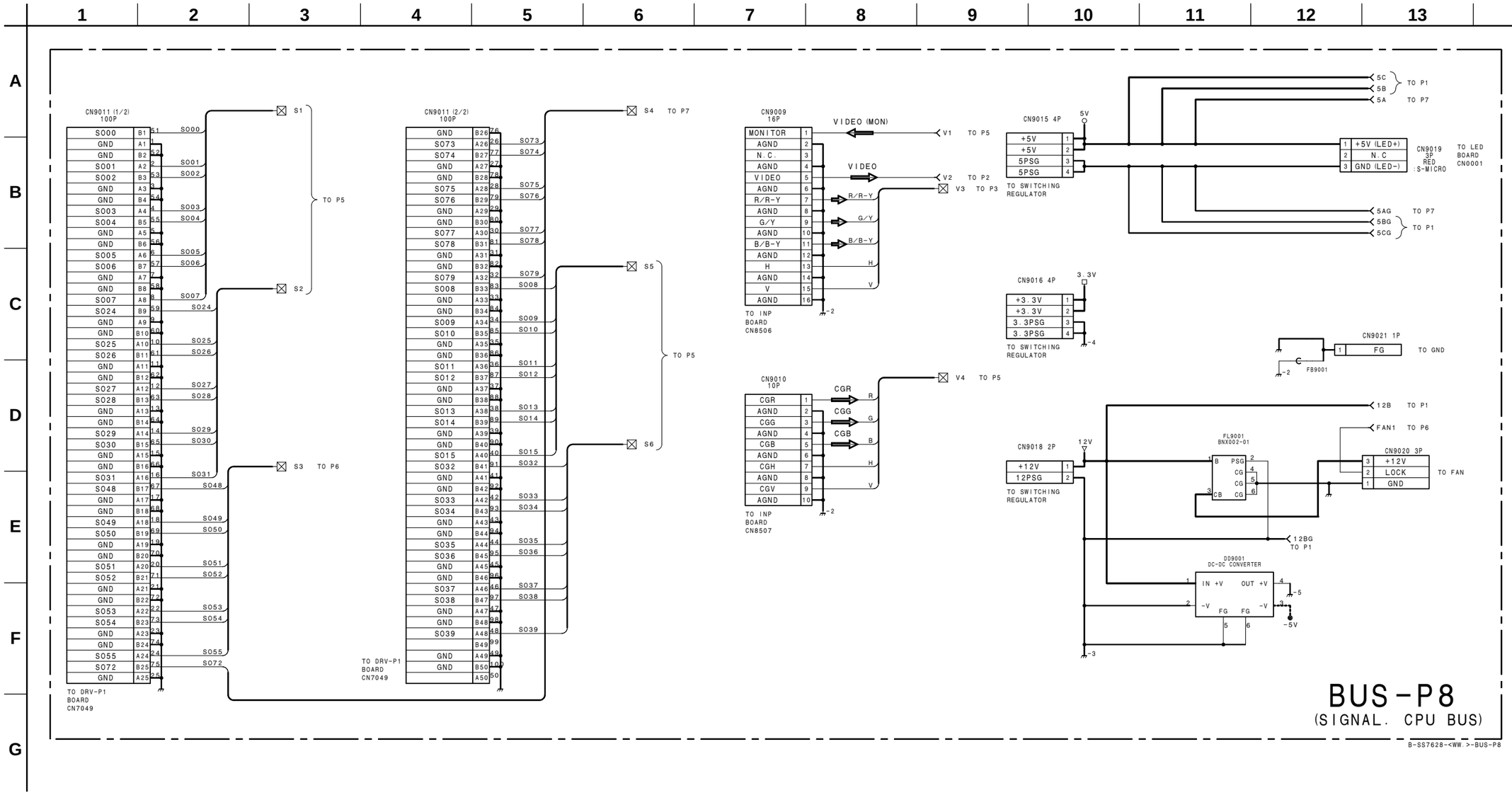
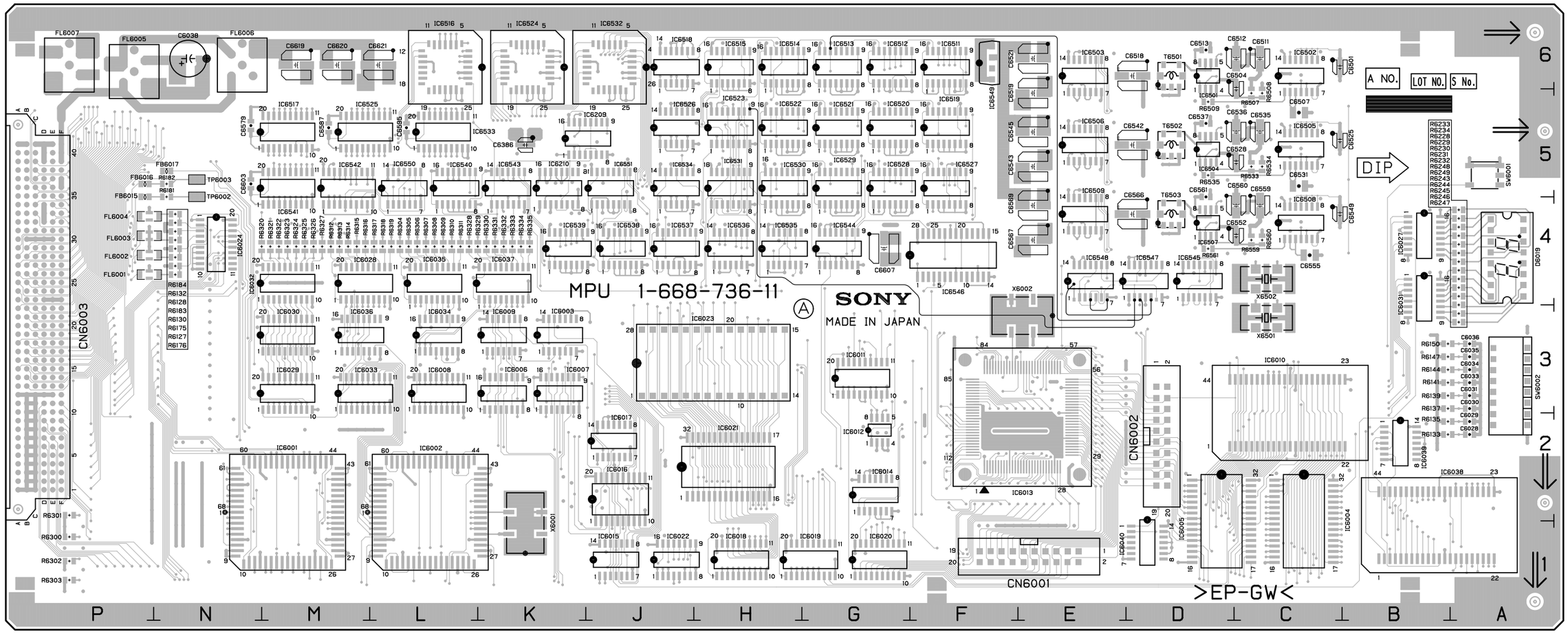
CN9007 (6/6) 246P PSC3
CN9006 (6/6) 246P PSC2
CN9005 (6/6) 246P PSC1
CN9004 (6/6) 246P CGI
CN9003 (6/6) 246P MIX
CN9002 (6/6) 246P DSP
CN9001 (6/6) 246P EDD
5PSG
+5V
12PSG
+12V
GND
RXD0
RXD1
RXD2
RXD3
CTS0
CTS1
CTS2
CTS3
N.C
DSR0
DSR1
DSR2
DSR3
INPUT1
INPUT2
INPUT3
INPUT4
INPUT5
-5PSG
-5V
3.3PSG
+3.3V
CBIN0
CBIN1
CBIN2
CBIN3
CBIN4
CBIN5
CBIN6
CBIN7
BOUT0
BOUT1
BOUT2
BOUT3
BOUT4
BOUT5
BOUT6
BOUT7
BOUT8
BOUT9
S080
S081
S082
S083
S084
S085
S086
S087
S088
S089
S090
S091
S092
S093
S094
S095
S072
S073
S074
S075
S076
S077
S078
S079
12V
C4 TO P1
S12 TO P1
S8 TO P1
S4 TO P8
B (C)
B3
B
B4
B2 TO P4
B (V)
B1 TO P4
TO P4
5AG
5A
TO P8
TO MPU-P5 BOARD CN6003 (6/6)
TO PSC BOARD CN5001
TO PSC-P1 BOARD CN5001 (6/6)
TO CGI-P15 BOARD CN4001 (6/6)
TO MIX-P1 BOARD CN3001 (6/6)
TO DSP-P2 BOARD CN2001 (6/6)
TO EDD-P13 BOARD CN1850 (6/6)
BUS-P7
(SIGNAL. CPU BUS)
B-SS7628<WW.>-BUS-P7

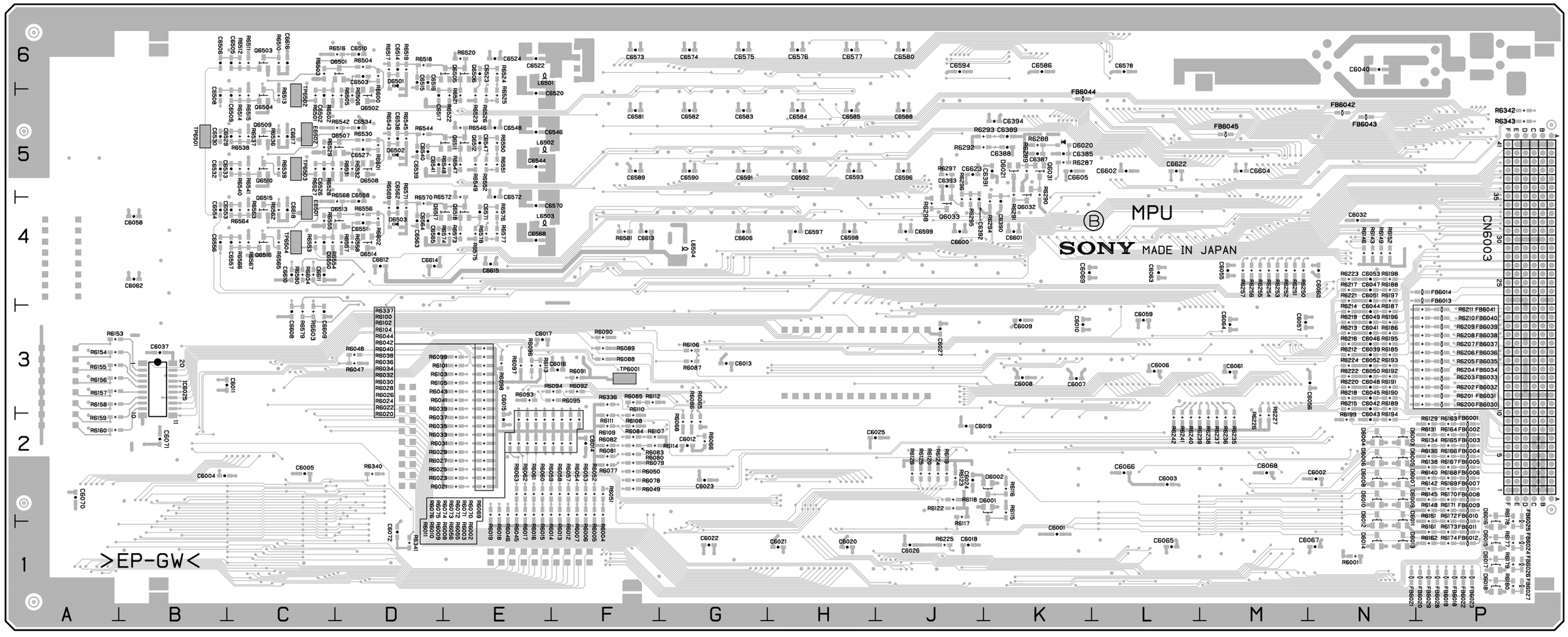

CN9011 (1/2)
100P
S000 B1 51
GND A1 1
GND B2 52
S001 A2 2
S002 B3 53
GND A3 3
GND B4 54
S003 A4 4
S004 B5 55
GND A5 5
GND B6 56
S005 A6 6
S006 B7 57
GND A7 7
GND B8 58
S007 A8 8
S024 B9 59
GND A9 9
GND B10 60
S025 A10 10
S026 B11 61
GND A11 11
GND B12 62
S027 A12 12
S028 B13 63
GND A13 13
GND B14 64
S029 A14 14
S030 B15 65
GND A15 15
GND B16 66
S031 A16 16
S048 B17 67
GND A17 17
GND B18 68
S049 A18 18
S050 B19 69
GND A19 19
GND B20 70
S051 A20 20
S052 B21 71
GND A21 21
GND B22 72
S053 A22 22
S054 B23 73
GND A23 23
GND B24 74
S055 A24 24
S072 B25 75
GND A25 25
TO DRV-P1 BOARD CN7049
S000
S001
S002
S003
S004
S005
S006
S007
S024
S025
S026
S027
S028
S029
S030
S031
S048
S049
S050
S051
S052
S053
S054
S055
S072
S1
S2
S3 TO P6
TO P5
CN9011 (2/2)
100P
GND B26 76
S073 A26 26
S074 B27 77
GND A27 27
GND B28 78
S075 A28 28
S076 B29 79
GND A29 29
GND B30 80
S077 A30 30
S078 B31 81
GND A31 31
GND B32 82
S079 A32 32
S008 B33 83
GND A33 33
GND B34 84
S009 A34 34
S010 B35 85
GND A35 35
GND B36 86
S011 A36 36
S012 B37 87
GND A37 37
GND B38 88
S013 A38 38
S014 B39 89
GND A39 39
GND B40 90
S015 A40 40
S032 B41 91
GND A41 41
GND B42 92
S033 A42 42
S034 B43 93
GND A43 43
GND B44 94
S035 A44 44
S036 B45 95
GND A45 45
GND B46 96
S037 A46 46
S038 B47 97
GND A47 47
GND B48 98
S039 A48 48
B49 99
GND A49 49
GND B50 100
A50 50
TO DRV-P1 BOARD CN7049
S073
S074
S075
S076
S077
S078
S079
S008
S009
S010
S011
S012
S013
S014
S015
S032
S033
S034
S035
S036
S037
S038
S039
S4 TO P7
S5
S6
TO P5
CN9009
16P
MONITOR 1
AGND 2
N.C. 3
AGND 4
VIDEO 5
AGND 6
R/R-Y 7
AGND 8
G/Y 9
AGND 10
B/B-Y 11
AGND 12
H 13
AGND 14
V 15
AGND 16
TO INP BOARD CN8506
VIDEO (MON)
V1 TO P5
VIDEO
V2 TO P2
V3 TO P3
R/R-Y
G/Y
B/B-Y
H
V
CN9010
10P
CGR 1
AGND 2
CGG 3
AGND 4
CGB 5
AGND 6
CGH 7
AGND 8
CGV 9
AGND 10
TO INP BOARD CN8507
CGR
CGG
CGB
R
G
B
H
V
V4 TO P5
CN9015 4P
5V
+5V 1
+5V 2
5PSG 3
5PSG 4
TO SWITCHING REGULATOR
5C
5B
TO P1
5A
TO P7
1 +5V (LED+)
2 N.C
3 GND (LED-)
CN9019
3P
RED
:S-MICRO
TO LED BOARD CN0001
5AG
5BG
TO P1
5CG
TO P7
CN9016 4P
3.3V
+3.3V 1
+3.3V 2
3.3PSG 3
3.3PSG 4
TO SWITCHING REGULATOR
CN9021 1P
1 FG
TO GND
FB9001
CN9018 2P
12V
+12V 1
12PSG 2
TO SWITCHING REGULATOR
12B TO P1
FAN1 TO P6
FL9001
BNX002-01
CN9020 3P
3 +12V
2 LOCK
1 GND
TO FAN
12BG
TO P1
DD9001
DC-DC CONVERTER
IN +V
OUT +V
-V
-V
FG
FG
-5V
BUS-P8
(SIGNAL. CPU BUS)
B-SS7628-<WW.>-BUS-P8



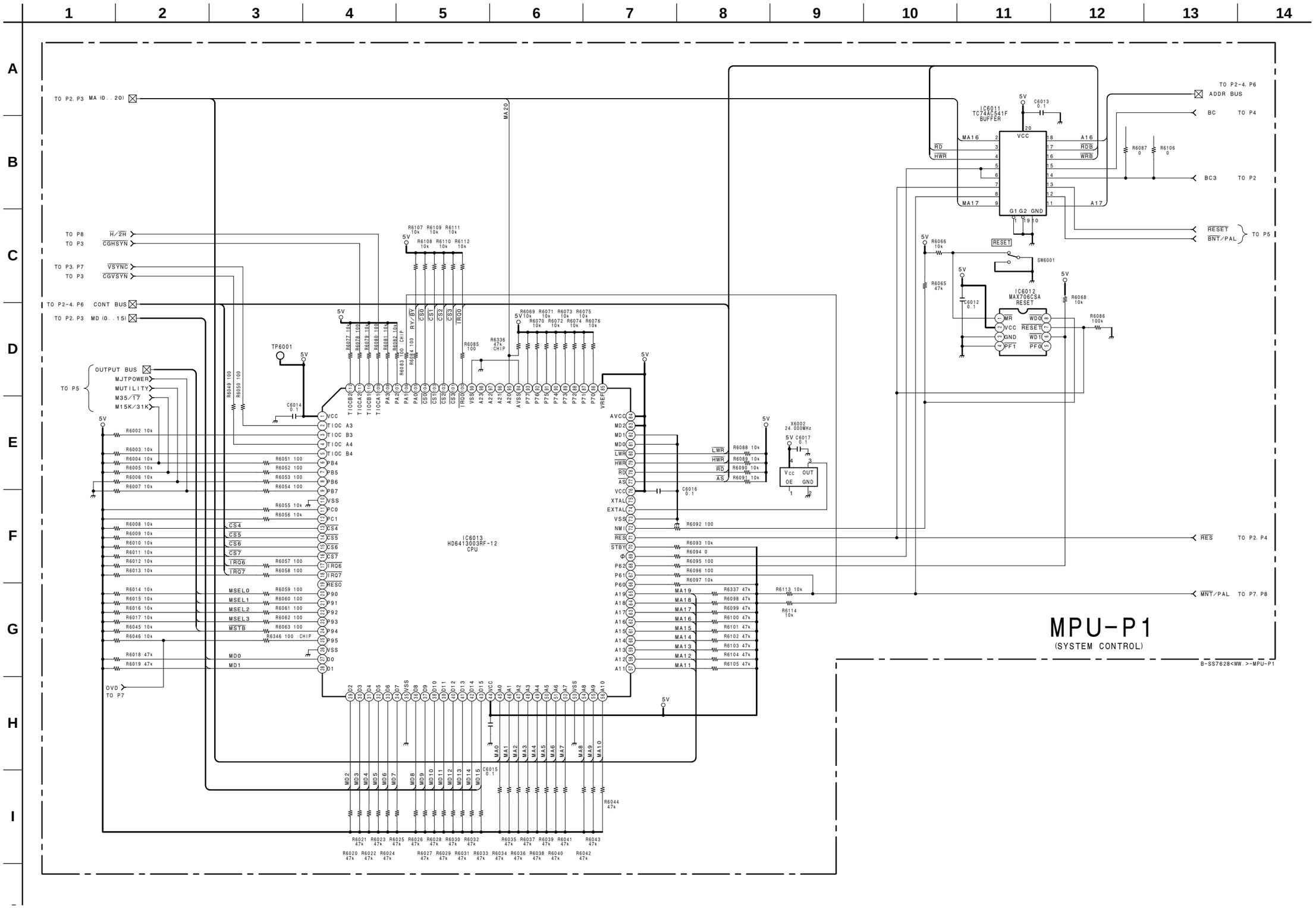
MPU BOARD
*: B SIDE

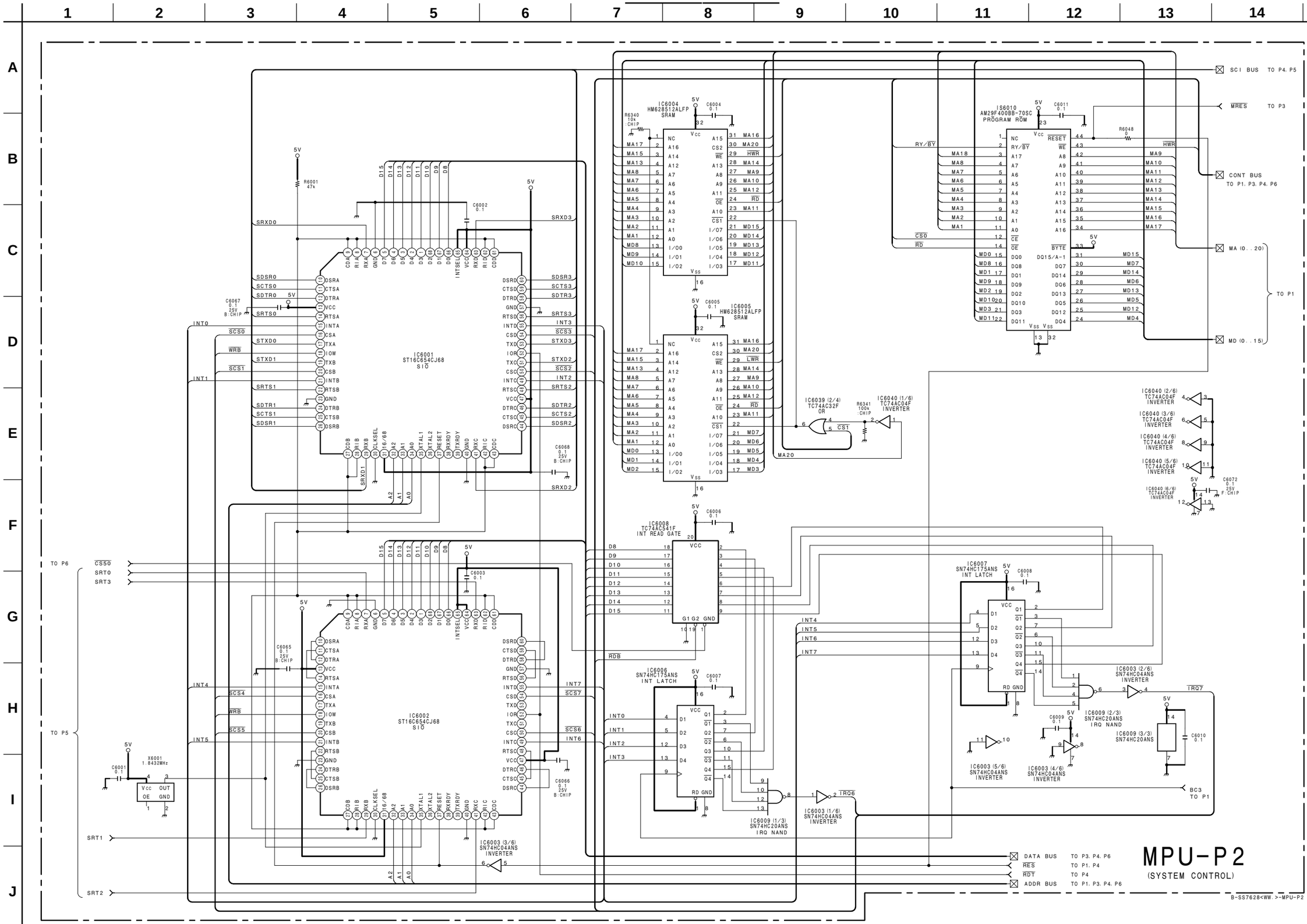
D6001	*K-2	IC6002	L-2	IC6028	M-4	IC6513	G-6	IC6539	K-4	Q6510	*C-5
D6002	*K-2	IC6003	K-3	IC6029	M-3	IC6514	H-6	IC6540	L-5	Q6511	*E-5
D6003	*N-2	IC6004	C-2	IC6030	M-3	IC6515	H-6	IC6541	M-5	Q6512	*E-5
D6004	*N-2	IC6005	D-2	IC6031	B-4	IC6516	L-6	IC6542	M-5	Q6513	*D-4
D6005	*N-2	IC6006	K-3	IC6032	M-4	IC6517	M-5	IC6543	K-5	Q6514	*D-4
D6006	*N-2	IC6007	K-3	IC6033	M-3	IC6518	J-6	IC6544	G-4	Q6515	*C-4
D6007	*N-2	IC6008	L-3	IC6034	L-3	IC6519	F-5	IC6545	D-4	Q6516	*C-4
D6008	*N-2	IC6009	K-3	IC6035	L-4	IC6520	G-5	IC6546	F-4	Q6517	*E-4
D6009	*N-2	IC6010	C-3	IC6036	M-3	IC6521	G-5	IC6547	D-4	Q6518	*E-4
D6010	*N-2	IC6011	G-3	IC6037	K-4	IC6522	H-5	IC6548	E-4		
D6011	*N-2	IC6012	G-2	IC6038	B-1	IC6523	H-5	IC6549	F-6	TP6001	*F-3
D6012	*N-2	IC6013	E-2	IC6039	B-2	IC6524	K-6	IC6550	L-5	TP6002	N-4
D6013	*N-1	IC6014	G-2	IC6040	D-1	IC6525	M-5	IC6551	J-5	TP6003	N-5
D6014	*N-1	IC6015	J-1	IC6209	J-5	IC6526	J-5			TP6501	*B-5
D6015	*P-1	IC6016	J-2	IC6210	K-5	IC6527	F-5	Q6031	*K-5	TP6502	*C-5
D6016	*P-2	IC6017	J-2	IC6501	D-6	IC6528	G-5	Q6032	*K-5	TP6503	*C-5
D6017	*P-1	IC6018	H-1	IC6502	C-6	IC6529	G-5	Q6033	*J-4	TP6504	*C-4
D6018	*P-1	IC6019	G-1	IC6503	E-6	IC6530	H-5	Q6501	*D-6		
D6019	A-4	IC6020	G-1	IC6504	D-5	IC6531	H-5	Q6502	*D-5		
D6020	*K-5	IC6021	H-2	IC6505	C-5	IC6532	J-6	Q6503	*C-6		
D6021	*K-5	IC6022	J-1	IC6506	E-5	IC6533	L-5	Q6504	*C-5		
D6501	*D-6	IC6023	H-3	IC6507	D-4	IC6534	J-5	Q6505	*E-6		
D6502	*D-5	IC6024	N-4	IC6508	C-4	IC6535	H-4	Q6506	*E-6		
D6503	*D-4	IC6025	*B-3	IC6509	E-4	IC6536	H-4	Q6507	*D-7		
		IC6027	B-4	IC6511	F-6	IC6537	J-4	Q6508	*D-5		
IC6001	M-2			IC6512	G-6	IC6538	J-4	Q6509	*C-5		

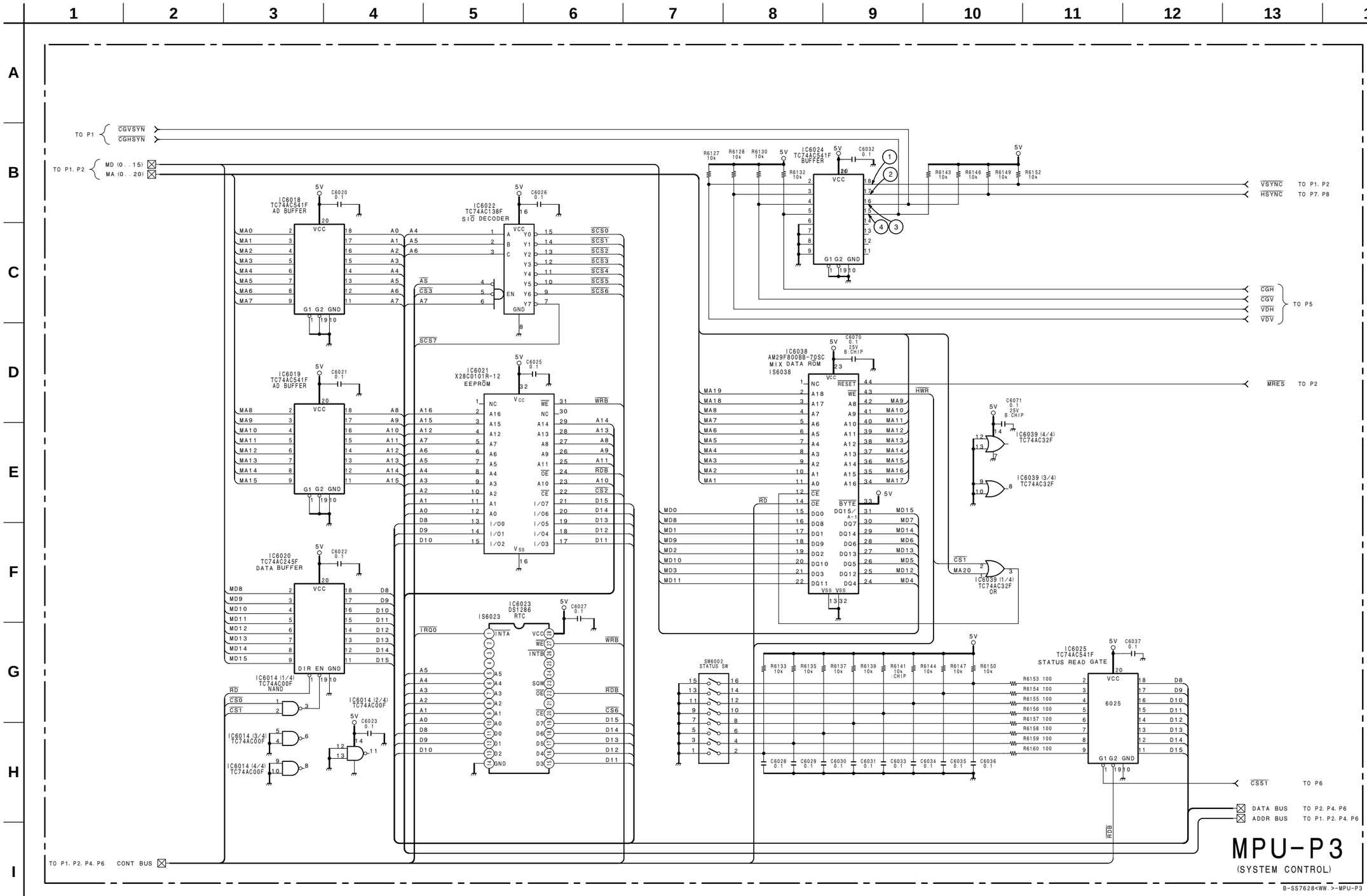
MPU – A SIDE –
SUFFIX: -11



MPU – B SIDE –
SUFFIX: -11


1 2 3 4 5 6 7 8 9 10 11 12 13 14
A B C D E F G H I
TO P2, P3 MA (0..20)
MA20
TO P8 H/2H
TO P3 CGHSYN
TO P3, P7 VSYNC
TO P3 CGVSYN
TO P2-4, P6 CONT BUS
TO P2, P3 MD (0..15)
OUTPUT BUS
TO P5 MJTPOWER
MUTILITY
M35/17
M15K/31K
OVD
TO P7
TP6001
IC6013
HD6413003RF-12
CPU
IC6011
TC74AC541F
BUFFER
IC6012
MAX706CSA
RESET
SW6001
X6002
24.000MHz
TO P2-4, P6
ADDR BUS
BC TO P4
BC3 TO P2
RESET
BNT/PAL
TO P5
RES TO P2, P4
MNT/PAL TO P7, P8
MPU-P1
(SYSTEM CONTROL)
B-SS7628<WW.>-MPU-P1


1 2 3 4 5 6 7 8 9 10 11 12 13 14
A B C D E F G H I J
IC6001 ST16C654CJ68 SIO
IC6002 ST16C654CJ68 SIO
IC6004 HM628512ALFP SRAM
IC6005 HM628512ALFP SRAM
IC6006 SN74HC175ANS INT LATCH
IC6007 SN74HC175ANS INT LATCH
IC6008 TC74AC541F INT READ GATE
IS6010 AM29F400BB-70SC PROGRAM ROM
IC6039 (2/4) TC74AC32F OR
IC6040 (1/6) TC74AC04F INVERTER
IC6040 (2/6) TC74AC04F INVERTER
IC6040 (3/6) TC74AC04F INVERTER
IC6040 (4/6) TC74AC04F INVERTER
IC6040 (5/6) TC74AC04F INVERTER
IC6040 (6/6) TC74AC04F INVERTER
IC6003 (1/6) SN74HC04ANS INVERTER
IC6003 (2/6) SN74HC04ANS INVERTER
IC6003 (3/6) SN74HC04ANS INVERTER
IC6003 (4/6) SN74HC04ANS INVERTER
IC6003 (5/6) SN74HC04ANS INVERTER
IC6009 (1/3) SN74HC20ANS IRQ NAND
IC6009 (2/3) SN74HC20ANS IRQ NAND
IC6009 (3/3) SN74HC20ANS
X6001 1.8432MHz
SCI BUS TO P4. P5
MRES TO P3
CONT BUS TO P1. P3. P4. P6
MA (0..20)
MD (0..15)
TO P1
TO P6
TO P5
SRT1
SRT2
DATA BUS TO P3. P4. P6
RES TO P1. P4
RDT TO P4
ADDR BUS TO P1. P3. P4. P6
BC3 TO P1
MPU-P2
(SYSTEM CONTROL)
B-SS7628<WW.>-MPU-P2

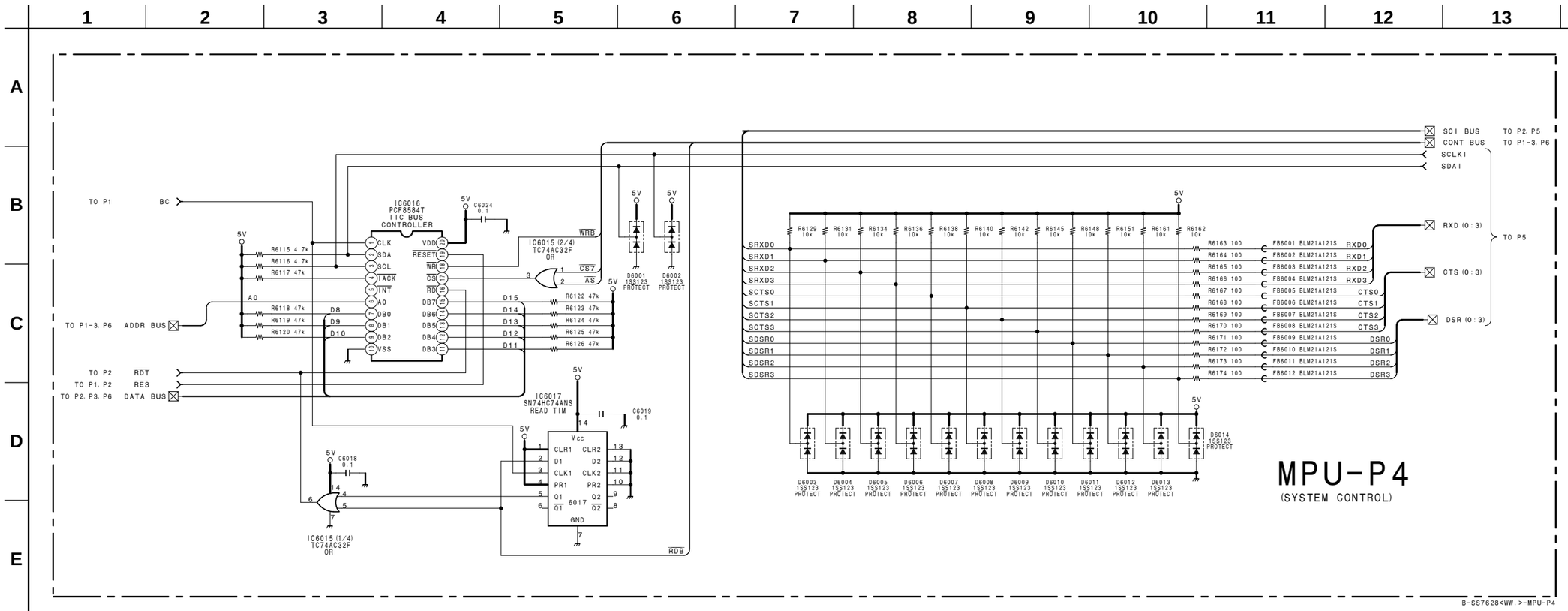

1 2 3 4 5 6 7 8 9 10 11 12 13 14
A B C D E F G H I
TO P1 CGVSYN CGHSYN
TO P1, P2 MD (0..15) MA (0..20)
IC6018 TC74AC541F AD BUFFER
IC6019 TC74AC541F AD BUFFER
IC6020 TC74AC245F DATA BUFFER
IC6022 TC74AC138F SIO DECODER
IC6021 X28C0101R-12 EEPROM
IC6023 DS1286 RTC
IS6023
IC6024 TC74AC541F BUFFER
IC6038 AM29F800BB-70SC MIX DATA ROM
IS6038
IC6014 (1/4) TC74AC00F NAND
IC6014 (2/4) TC74AC00F
IC6014 (3/4) TC74AC00F
IC6014 (4/4) TC74AC00F
IC6039 (4/4) TC74AC32F
IC6039 (1/4) TC74AC32F OR
IC6025 TC74AC541F STATUS READ GATE
SW6002 STATUS SW
VSYNC TO P1, P2
HSYNC TO P7, P8
CGH
CGV
VDH
VDV
TO P5
MRES TO P2
CS51 TO P6
DATA BUS TO P2, P4, P6
ADDR BUS TO P1, P2, P4, P6
TO P1, P2, P4, P6 CONT BUS
MPU-P3
(SYSTEM CONTROL)
B-SS7628<WW.>-MPU-P3

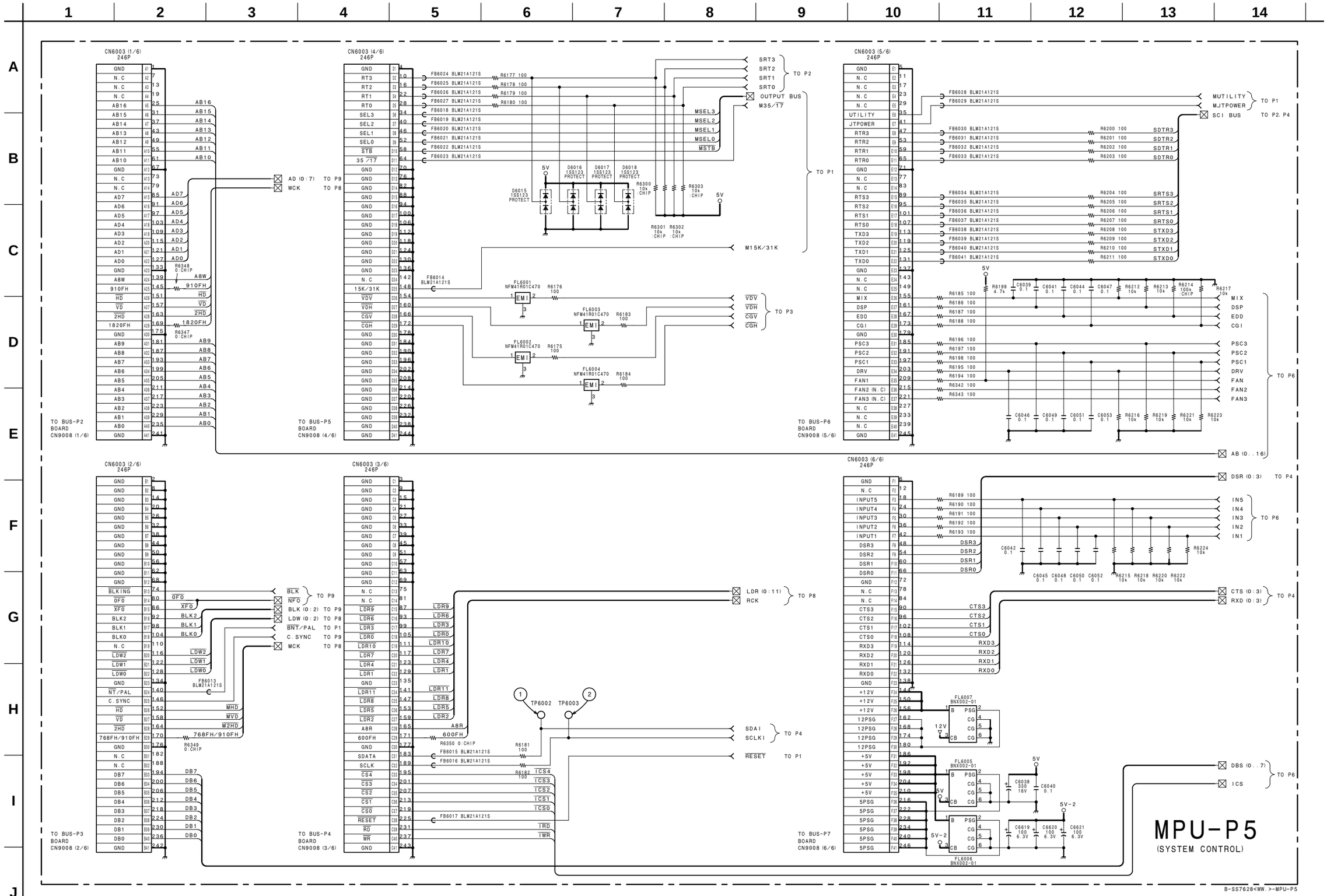
• MPU-P3 BOARD WAVEFORMS

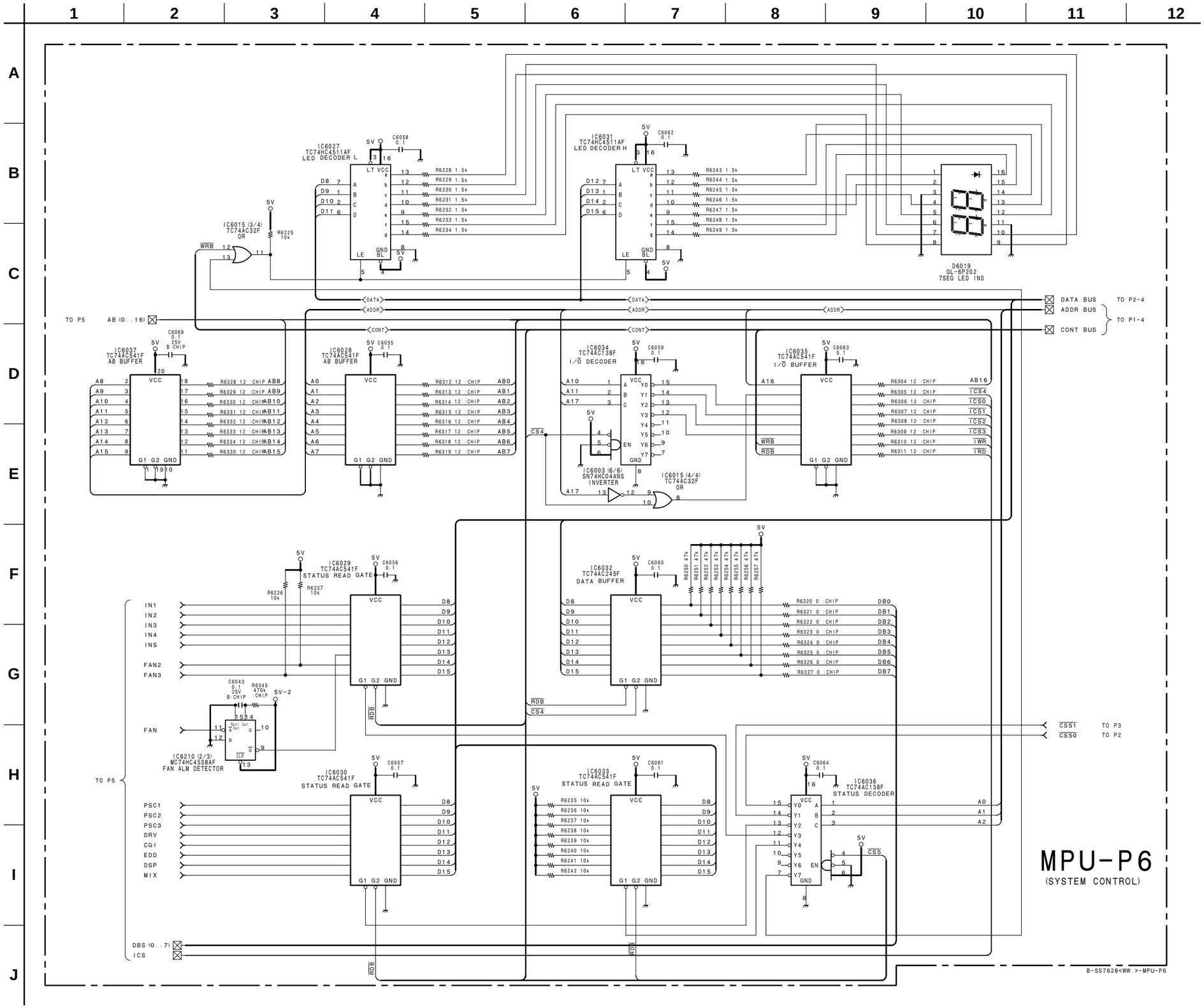
①	②	③	④
5.0 Vp-p (V)	4.7 Vp-p (H)	5.0 Vp-p (V)	4.6 Vp-p (H)

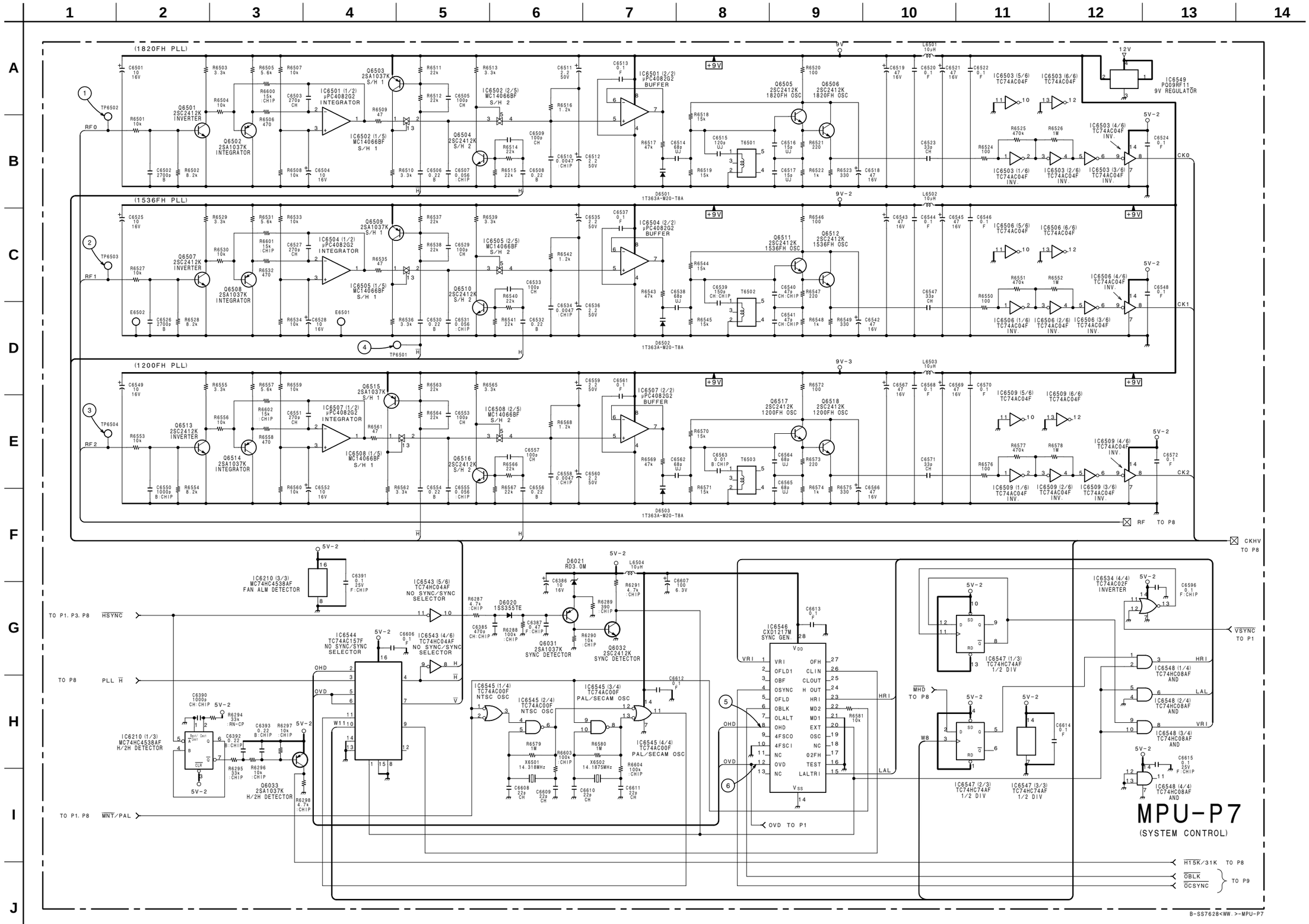
• MPU-P5 BOARD WAVEFORMS

①	②
4.7 Vp-p (V)	4.7 Vp-p (V)


1 2 3 4 5 6 7 8 9 10 11 12 13
A B C D E
TO P1 BC
TO P1-3. P6 ADDR BUS
TO P2 RDT
TO P1. P2 RES
TO P2. P3. P6 DATA BUS
IC6016 PCF8584T I IC BUS CONTROLLER
CLK SDA SCL ACK INT A0 DB0 DB1 DB2 VSS VDD RESET WR CS RD DB7 DB6 DB5 DB4 DB3
R6115 4.7k R6116 4.7k R6117 47k R6118 47k R6119 47k R6120 47k
R6122 47k R6123 47k R6124 47k R6125 47k R6126 47k
C6024 0.1
C6018 0.1
C6019 0.1
IC6015 (2/4) TC74AC32F OR
IC6015 (1/4) TC74AC32F OR
IC6017 SN74HC74ANS READ TIM
Vcc CLR1 D1 CLK1 PR1 Q1 GND CLR2 D2 CLK2 PR2 Q2
6017
WRB RDB CS7 AS
5V
D6001 1SS123 PROTECT
D6002 1SS123 PROTECT
SRXD0 SRXD1 SRXD2 SRXD3 SCTS0 SCTS1 SCTS2 SCTS3 SDSR0 SDSR1 SDSR2 SDSR3
R6129 10k R6131 10k R6134 10k R6136 10k R6138 10k R6140 10k R6142 10k R6145 10k R6148 10k R6151 10k R6161 10k R6162 10k
R6163 100 R6164 100 R6165 100 R6166 100 R6167 100 R6168 100 R6169 100 R6170 100 R6171 100 R6172 100 R6173 100 R6174 100
FB6001 BLM21A121S RXD0
FB6002 BLM21A121S RXD1
FB6003 BLM21A121S RXD2
FB6004 BLM21A121S RXD3
FB6005 BLM21A121S CTS0
FB6006 BLM21A121S CTS1
FB6007 BLM21A121S CTS2
FB6008 BLM21A121S CTS3
FB6009 BLM21A121S DSR0
FB6010 BLM21A121S DSR1
FB6011 BLM21A121S DSR2
FB6012 BLM21A121S DSR3
D6003 1SS123 PROTECT
D6004 1SS123 PROTECT
D6005 1SS123 PROTECT
D6006 1SS123 PROTECT
D6007 1SS123 PROTECT
D6008 1SS123 PROTECT
D6009 1SS123 PROTECT
D6010 1SS123 PROTECT
D6011 1SS123 PROTECT
D6012 1SS123 PROTECT
D6013 1SS123 PROTECT
D6014 1SS123 PROTECT
SCI BUS TO P2. P5
CONT BUS TO P1-3. P6
SCLKI
SDAI
RXD (0 : 3)
CTS (0 : 3)
DSR (0 : 3)
TO P5
MPU-P4
(SYSTEM CONTROL)
B-SS7628<WW.>-MPU-P4


CN6003 (1/6) 246P
CN6003 (2/6) 246P
CN6003 (3/6) 246P
CN6003 (4/6) 246P
CN6003 (5/6) 246P
CN6003 (6/6) 246P
TO BUS-P2 BOARD CN9008 (1/6)
TO BUS-P3 BOARD CN9008 (2/6)
TO BUS-P4 BOARD CN9008 (3/6)
TO BUS-P5 BOARD CN9008 (4/6)
TO BUS-P6 BOARD CN9008 (5/6)
TO BUS-P7 BOARD CN9008 (6/6)
AD (0:7) TO P9
WCK TO P8
SRT3
SRT2
SRT1
SRT0
TO P2
OUTPUT BUS
M35/17
MSEL3
MSEL2
MSEL1
MSEL0
MSTB
TO P1
M15K/31K
VDV
VDH
CGV
CGH
TO P3
SDAI
SCLKI
TO P4
RESET TO P1
LDR (0:11)
RCK
TO P8
BLK
NFO
TO P9
BLK (0:2) TO P9
LDW (0:2) TO P8
BNT/PAL TO P1
C.SYNC TO P9
MCK TO P8
MUTILITY
MJTPOWER
SCI BUS
TO P1
TO P2. P4
SDTR3
SDTR2
SDTR1
SDTR0
SRTS3
SRTS2
SRTS1
SRTS0
STXD3
STXD2
STXD1
STXD0
MIX
DSP
EDD
CGI
PSC3
PSC2
PSC1
DRV
FAN
FAN2
FAN3
TO P6
AB (0..16)
DSR (0:3) TO P4
IN5
IN4
IN3
IN2
IN1
TO P6
CTS (0:3)
RXD (0:3)
TO P4
DBS (0..7)
ICS
TO P6
MPU-P5
(SYSTEM CONTROL)
B-SS7628<WW.>-MPU-P5


1 2 3 4 5 6 7 8 9 10 11 12
A B C D E F G H I J
IC6027 TC74HC4511AF LED DECODER L
IC6031 TC74HC4511AF LED DECODER H
D6019 GL-6P202 7SEG LED IND
IC6015 (3/4) TC74AC32F OR
R6225 10k
R6228 1.5k
R6229 1.5k
R6230 1.5k
R6231 1.5k
R6232 1.5k
R6233 1.5k
R6234 1.5k
R6243 1.5k
R6244 1.5k
R6245 1.5k
R6246 1.5k
R6247 1.5k
R6248 1.5k
R6249 1.5k
DATA BUS
ADDR BUS
CONT BUS
TO P2-4
TO P1-4
TO P5
AB (0..16)
IC6037 TC74AC541F AB BUFFER
IC6028 TC74AC541F AB BUFFER
IC6034 TC74AC138F I/O DECODER
IC6035 TC74AC541F I/O BUFFER
IC6003 (6/6) SN74HC04ANS INVERTER
IC6015 (4/4) TC74AC32F OR
IC6029 TC74AC541F STATUS READ GATE
IC6032 TC74AC245F DATA BUFFER
IC6030 TC74AC541F STATUS READ GATE
IC6033 TC74AC541F STATUS READ GATE
IC6036 TC74AC138F STATUS DECODER
IC6210 (2/3) MC74HC4538AF FAN ALM DETECTOR
IN1
IN2
IN3
IN4
IN5
FAN2
FAN3
FAN
PSC1
PSC2
PSC3
DRV
CGI
EDD
DSP
MIX
DBS (0..7)
ICS
CS51
CS50
CS5
CS4
RDB
WRB
TO P3
TO P2
MPU-P6
(SYSTEM CONTROL)
B-SS7628<WW.>-MPU-P6


(1820FH PLL)
(1536FH PLL)
(1200FH PLL)
TP6502
TP6503
TP6504
TP6501
RF0
RF1
RF2
Q6501 2SC2412K INVERTER
Q6502 2SA1037K INTEGRATOR
Q6503 2SA1037K S/H 1
IC6501 (1/2) μPC4082G2 INTEGRATOR
IC6502 (1/5) MC14066BF S/H 1
IC6502 (2/5) MC14066BF S/H 2
Q6504 2SC2412K S/H 2
IC6501 (2/2) μPC4082G2 BUFFER
Q6505 2SC2412K 1820FH OSC
Q6506 2SC2412K 1820FH OSC
T6501
Q6507 2SC2412K INVERTER
Q6508 2SA1037K INTEGRATOR
Q6509 2SA1037K S/H 1
IC6504 (1/2) μPC4082G2 INTEGRATOR
IC6505 (1/5) MC14066BF S/H 1
IC6505 (2/5) MC14066BF S/H 2
Q6510 2SC2412K S/H 2
IC6504 (2/2) μPC4082G2 BUFFER
Q6511 2SC2412K 1536FH OSC
Q6512 2SC2412K 1536FH OSC
T6502
Q6513 2SC2412K INVERTER
Q6514 2SA1037K INTEGRATOR
Q6515 2SA1037K S/H 1
IC6507 (1/2) μPC4082G2 INTEGRATOR
IC6508 (1/5) MC14066BF S/H 1
IC6508 (2/5) MC14066BF S/H 2
Q6516 2SC2412K S/H 2
IC6507 (2/2) μPC4082G2 BUFFER
Q6517 2SC2412K 1200FH OSC
Q6518 2SC2412K 1200FH OSC
T6503
D6501 1T363A-M20-T8A
D6502 1T363A-M20-T8A
D6503 1T363A-M20-T8A
9V
9V-2
9V-3
+9V
5V-2
12V
L6501 10μH
L6502 10μH
L6503 10μH
IC6549 PQ09RF11 9V REGULATOR
IC6503 (5/6) TC74AC04F
IC6503 (6/6) TC74AC04F
IC6503 (4/6) TC74AC04F INV.
IC6503 (1/6) TC74AC04F INV.
IC6503 (2/6) TC74AC04F INV.
IC6503 (3/6) TC74AC04F INV.
IC6506 (5/6) TC74AC04F
IC6506 (6/6) TC74AC04F
IC6506 (4/6) TC74AC04F INV.
IC6506 (1/6) TC74AC04F INV.
IC6506 (2/6) TC74AC04F INV.
IC6506 (3/6) TC74AC04F INV.
IC6509 (5/6) TC74AC04F
IC6509 (6/6) TC74AC04F
IC6509 (4/6) TC74AC04F INV.
IC6509 (1/6) TC74AC04F INV.
IC6509 (2/6) TC74AC04F INV.
IC6509 (3/6) TC74AC04F INV.
CK0
CK1
CK2
RF TO P8
CKHV TO P8
IC6210 (3/3) MC74HC4538AF FAN ALM DETECTOR
IC6543 (5/6) TC74HC04AF NO SYNC/SYNC SELECTOR
IC6544 TC74AC157F NO SYNC/SYNC SELECTOR
IC6543 (4/6) TC74HC04AF NO SYNC/SYNC SELECTOR
IC6210 (1/3) MC74HC4538AF H/2H DETECTOR
Q6033 2SA1037K H/2H DETECTOR
D6020 1SS355TE
D6021 RD3.0M
Q6031 2SA1037K SYNC DETECTOR
Q6032 2SC2412K SYNC DETECTOR
IC6545 (1/4) TC74AC00F NTSC OSC
IC6545 (2/4) TC74AC00F NTSC OSC
IC6545 (3/4) TC74AC00F PAL/SECAM OSC
IC6545 (4/4) TC74AC00F PAL/SECAM OSC
X6501 14.318MHz
X6502 14.1875MHz
IC6546 CXD1217M SYNC GEN.
IC6547 (1/3) TC74HC74AF 1/2 DIV
IC6547 (2/3) TC74HC74AF 1/2 DIV
IC6547 (3/3) TC74HC74AF 1/2 DIV
IC6548 (1/4) TC74HC08AF AND
IC6548 (2/4) TC74HC08AF AND
IC6548 (3/4) TC74HC08AF AND
IC6548 (4/4) TC74HC08AF AND
IC6534 (4/4) TC74AC02F INVERTER
TO P1. P3. P8 HSYNC
TO P8 PLL H
TO P1. P8 MNT/PAL
VSYNC TO P1
MHD TO P8
OVD TO P1
H15K/31K TO P8
OBLK TO P9
OCSYNC TO P9
MPU-P7
(SYSTEM CONTROL)
B-SS7628<WW.>-MPU-P7

• MPU-P7 BOARD WAVEFORMS

① 4.9 Vp-p (H)

② 4.9 Vp-p (H)

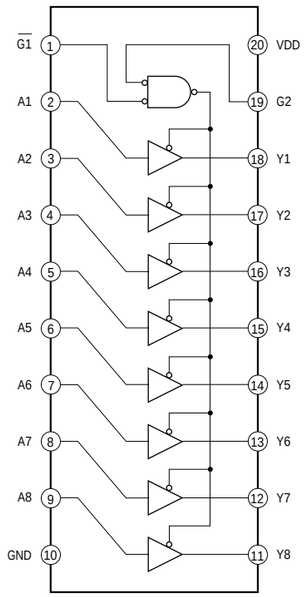
③ 4.9 Vp-p (H)

④ 4.9 Vp-p (H)

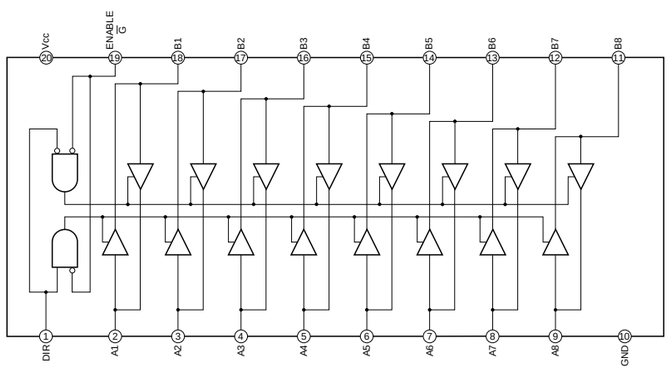
⑤ 4.8 Vp-p (H)

⑥ 4.8 Vp-p (V)

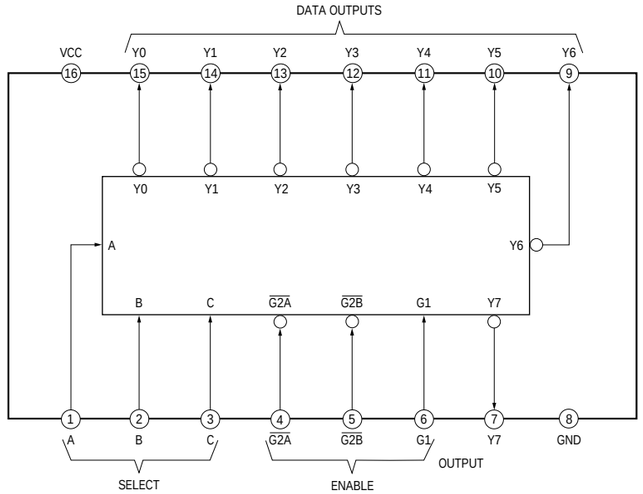
MPU BOARD IC6008, 6011 6018, 6019, 6024, 6025, 6028, 6029, 6030, 6033, 6035, 6037, 6517, 6525, 6533, 6541, 6542, TC74AC541F, TC74ACT541F, TC74HC541AF



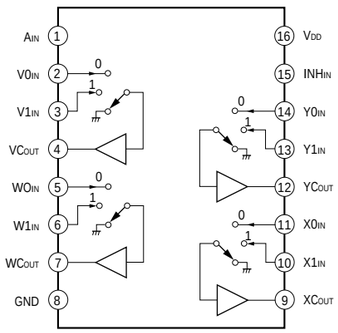
MPU-P3, P6 BOARD IC6020, 6032 TC74AC245F



MPU-P3, P6 BOARD IC6022, 6034, 6036 TC74AC138F



MPU-P7, P8 BOARD IC6523, 6533, 6544, TC74AC157F, TC74HC157AF



• MPU-P8 BOARD WAVEFORMS

① 5.0 Vp-p (H)

② 4.8 Vp-p (V)

③ 4.8 Vp-p (H)

④ 4.8 Vp-p (H)

⑤ S 4.9 Vp-p (82.7 nsec)

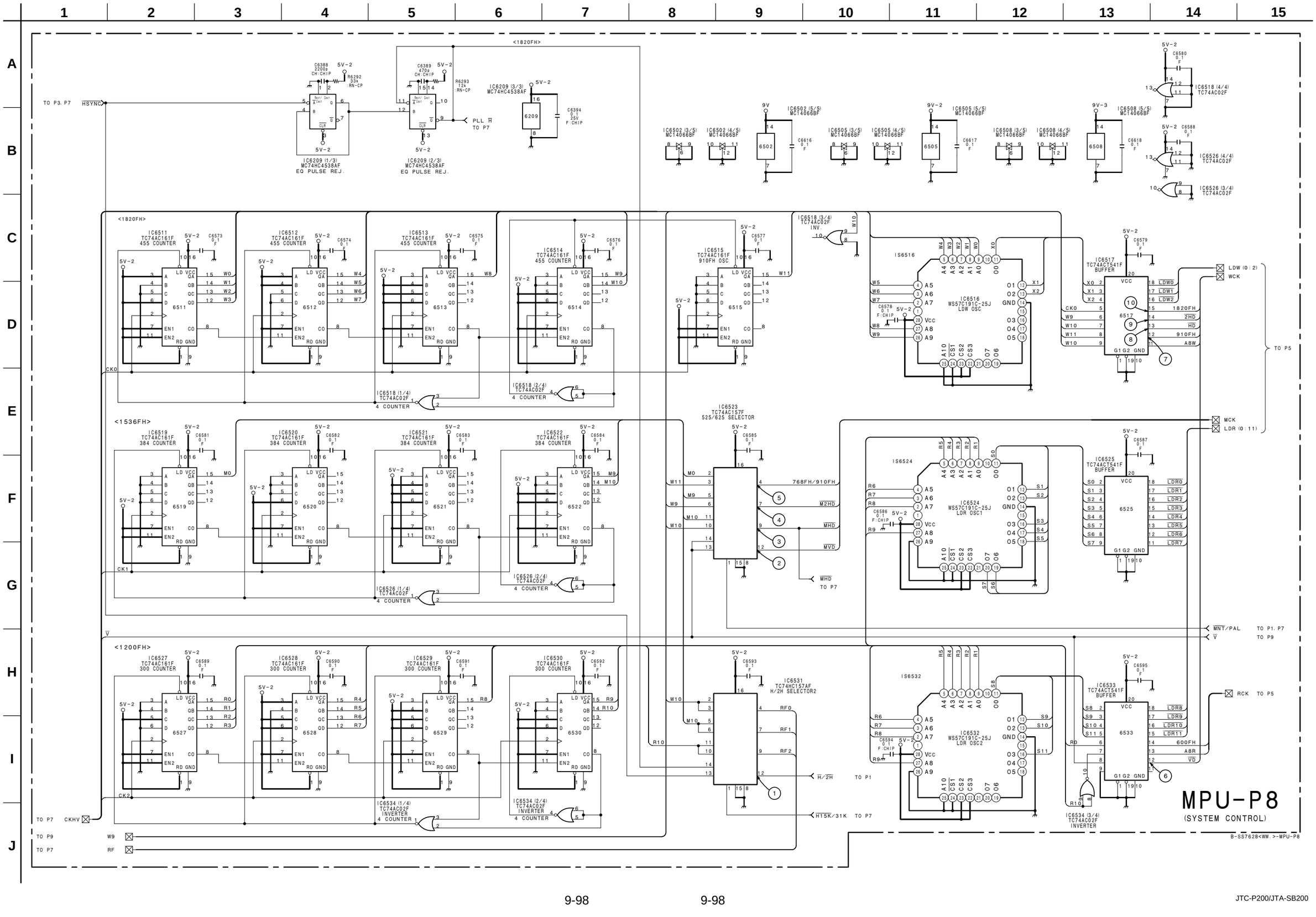
⑥ 4.9 Vp-p (V)

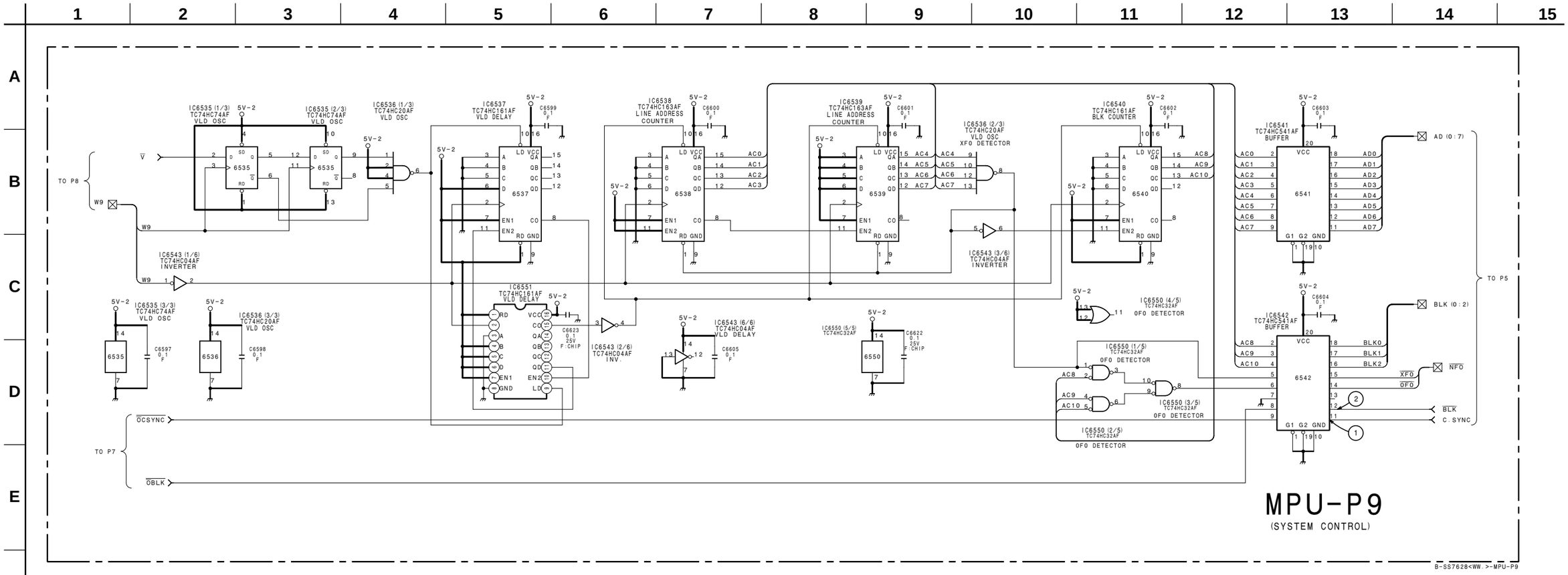
⑦ S 4.9 Vp-p (69.7 nsec)

⑧ 4.9 Vp-p (H)

⑨ 4.9 Vp-p (H)

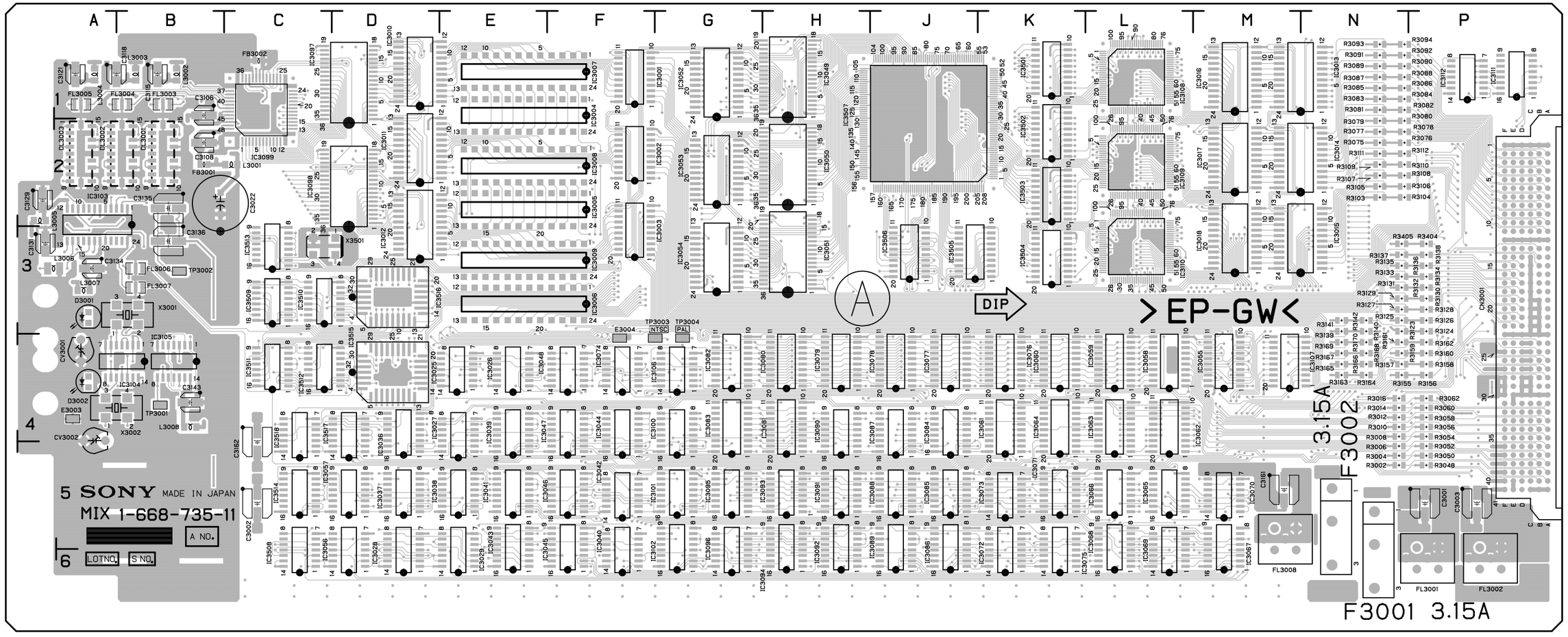
⑩ S 3.3 Vp-p (35.0 nsec)


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I J
TO P3, P7 HSYNC
<1820FH>
IC6209 (1/3) MC74HC4538AF EQ PULSE REJ.
IC6209 (2/3) MC74HC4538AF EQ PULSE REJ.
IC6209 (3/3) MC74HC4538AF
PLL H TO P7
IC6502 (3/5) MC14066BF
IC6502 (4/5) MC14066BF
IC6502 (5/5) MC14066BF
IC6505 (3/5) MC14066BF
IC6505 (4/5) MC14066BF
IC6505 (5/5) MC14066BF
IC6508 (3/5) MC14066BF
IC6508 (4/5) MC14066BF
IC6508 (5/5) MC14066BF
IC6518 (4/4) TC74AC02F
IC6526 (4/4) TC74AC02F
IC6526 (3/4) TC74AC02F
<1820FH>
IC6511 TC74AC161F 455 COUNTER
IC6512 TC74AC161F 455 COUNTER
IC6513 TC74AC161F 455 COUNTER
IC6514 TC74AC161F 455 COUNTER
IC6518 (1/4) TC74AC02F 4 COUNTER
IC6518 (2/4) TC74AC02F 4 COUNTER
IC6515 TC74AC161F 910FH OSC
IC6518 (3/4) TC74AC02F INV.
IS6516
IC6516 WS57C191C-25J LDW OSC
IC6517 TC74ACT541F BUFFER
LDW (0:2)
WCK
TO P5
<1536FH>
IC6519 TC74AC161F 384 COUNTER
IC6520 TC74AC161F 384 COUNTER
IC6521 TC74AC161F 384 COUNTER
IC6522 TC74AC161F 384 COUNTER
IC6526 (1/4) TC74AC02F 4 COUNTER
IC6526 (2/4) TC74AC02F 4 COUNTER
IC6523 TC74AC157F 525/625 SELECTOR
768FH/910FH
M2HD
MHD
MVD
TO P7
IS6524
IC6524 WS57C191C-25J LDR OSC1
IC6525 TC74ACT541F BUFFER
MCK
LDR (0:11)
MNT/PAL TO P1, P7
V TO P9
<1200FH>
IC6527 TC74AC161F 300 COUNTER
IC6528 TC74AC161F 300 COUNTER
IC6529 TC74AC161F 300 COUNTER
IC6530 TC74AC161F 300 COUNTER
IC6534 (1/4) TC74AC02F INVERTER 4 COUNTER
IC6534 (2/4) TC74AC02F INVERTER 4 COUNTER
IC6531 TC74HC157AF H/2H SELECTOR2
H/2H TO P1
H15K/31K TO P7
IS6532
IC6532 WS57C191C-25J LDR OSC2
IC6533 TC74ACT541F BUFFER
RCK TO P5
IC6534 (3/4) TC74AC02F INVERTER
TO P7 CKHV
TO P9 W9
TO P7 RF
MPU-P8
(SYSTEM CONTROL)
B-SS7628<WW.>-MPU-P8



• MPU-P9 BOARD WAVEFORMS

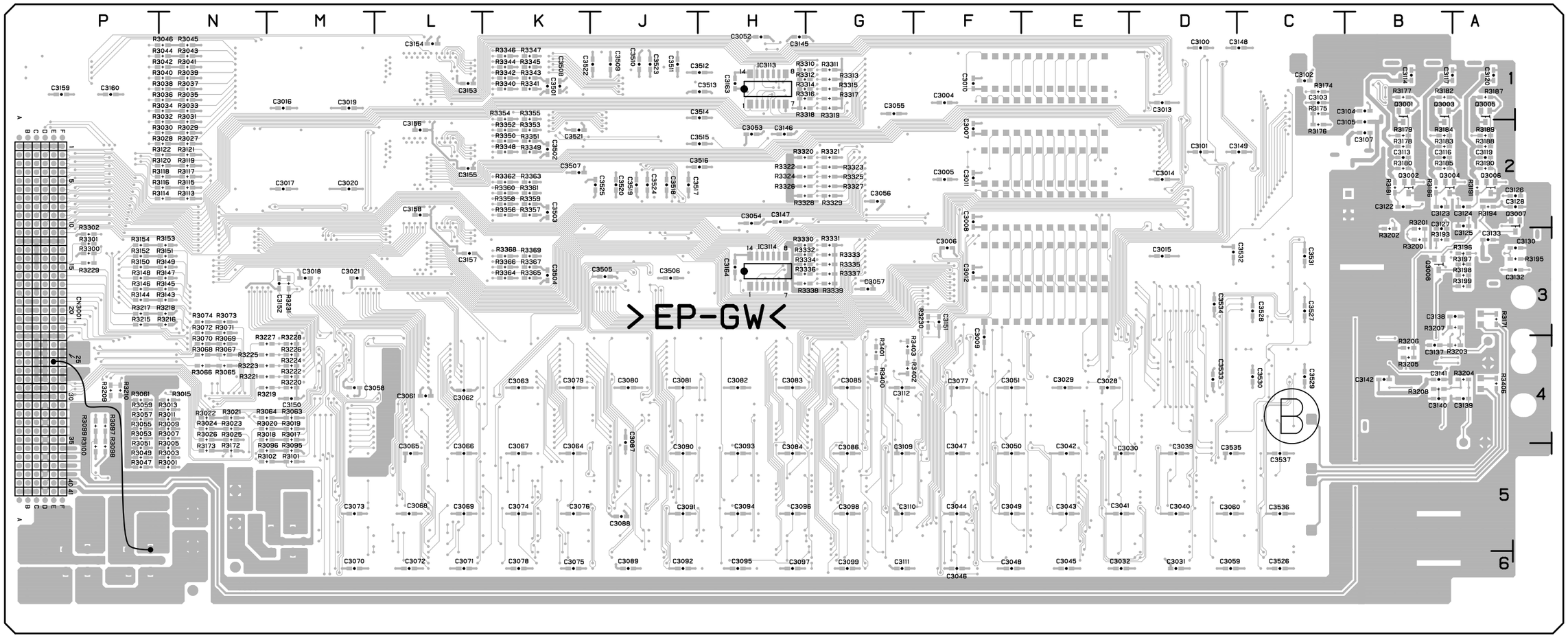
①	②
4.9 Vp-p (H)	4.9 Vp-p (H)



MIX BOARD
*: B SIDE

CV3001	A-4	IC3027	E-4	IC3059	L-4	IC3085	J-5	IC3111	P-1	Q3003	*B-1
CV3002	A-4	IC3028	D-6	IC3060	K-4	IC3086	J-6	IC3112	P-1	Q3004	*B-2
		IC3029	E-6	IC3061	K-4	IC3087	J-4	IC3113	*H-1	Q3005	*A-1
D3001	A-3	IC3036	D-4	IC3062	L-4	IC3088	J-5	IC3114	*H-3	Q3006	*A-2
D3002	A-4	IC3037	D-5	IC3063	L-4	IC3089	J-6	IC3501	K-1	Q3007	*A-2
		IC3038	E-5	IC3064	K-4	IC3090	H-4	IC3502	K-2	Q3008	*B-3
IC3001	F-1	IC3039	E-4	IC3065	M-5	IC3091	H-5	IC3503	K-2		
IC3002	F-2	IC3040	F-6	IC3066	M-5	IC3092	H-6	IC3504	K-3	TP3001	B-4
IC3003	F-3	IC3041	E-5	IC3067	M-5	IC3093	H-5	IC3505	J-3	TP3002	B-3
IC3004	E-1	IC3042	F-5	IC3068	M-5	IC3094	H-6	IC3506	J-3	TP3003	G-3
IC3005	E-2	IC3043	E-6	IC3069	L-6	IC3095	G-5	IC3507	J-2	TP3004	G-3
IC3006	E-3	IC3044	F-4	IC3070	M-5	IC3096	G-6	IC3508	C-6		
IC3007	E-1	IC3045	F-6	IC3071	K-5	IC3097	D-1	IC3509	C-3		
IC3008	E-2	IC3046	F-5	IC3072	K-6	IC3098	D-2	IC3510	C-3		
IC3009	E-3	IC3047	F-4	IC3073	K-5	IC3099	C-1	IC3511	C-4		
IC3010	D-1	IC3048	F-4	IC3074	F-4	IC3100	G-4	IC3512	C-4		
IC3011	D-2	IC3049	H-1	IC3075	K-6	IC3101	G-5	IC3513	C-3		
IC3012	D-2	IC3050	H-2	IC3076	K-4	IC3102	G-6	IC3514	C-5		
IC3013	M-1	IC3051	H-3	IC3077	J-4	IC3103	A-2	IC3515	D-4		
IC3014	M-2	IC3052	G-1	IC3078	J-4	IC3104	B-4	IC3516	D-3		
IC3015	M-3	IC3053	G-2	IC3079	H-4	IC3105	B-4	IC3517	D-4		
IC3016	M-1	IC3054	G-3	IC3080	H-4	IC3106	G-4	IC3518	C-4		
IC3017	M-2	IC3055	M-4	IC3081	H-4	IC3107	M-4	IC3519			
IC3018	M-3	IC3056	D-6	IC3082	G-4	IC3108	L-1				
IC3025	E-4	IC3057	D-5	IC3083	G-4	IC3109	L-2	Q3001	*B-1		
IC3026	E-4	IC3058	L-4	IC3084	J-4	IC3110	L-3	Q3002	*B-2		

MIX – A SIDE –
SUFFIX: -11

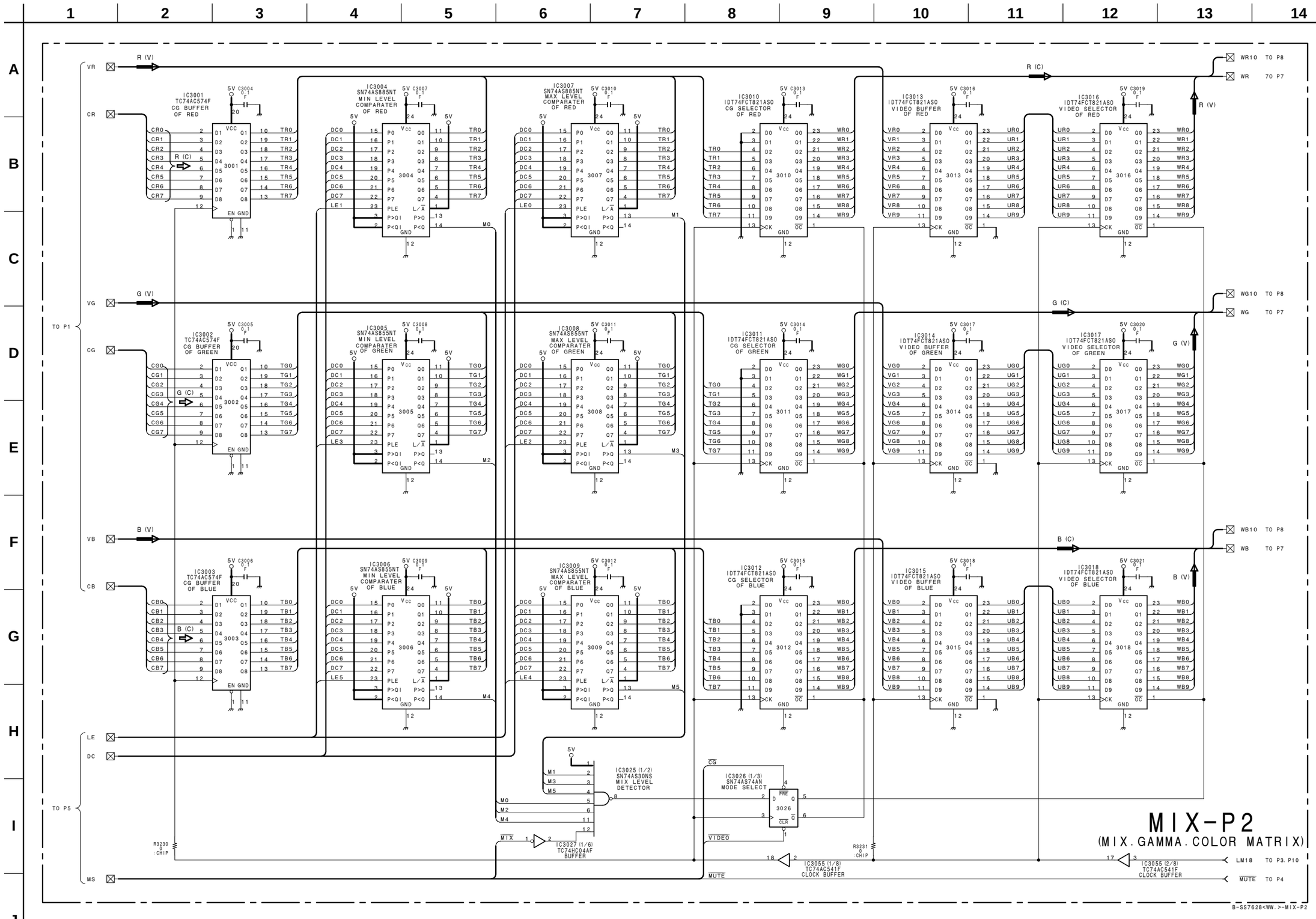


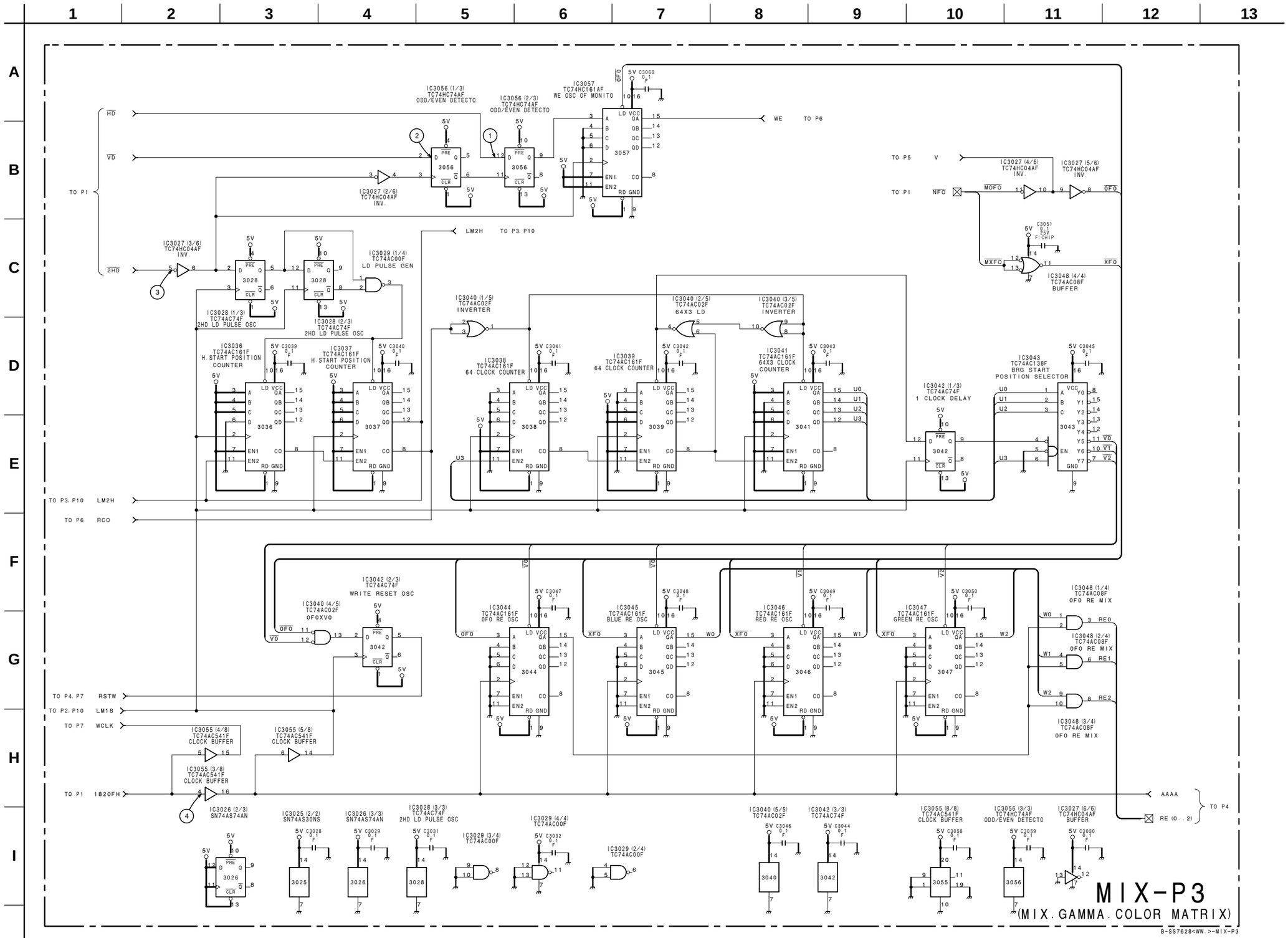
MIX – B SIDE –
SUFFIX: -11

MIX-P1

(MIX.GAMMA.COLOR MATRIX)

B-SS7628<WW.>-MIX-P1


1 2 3 4 5 6 7 8 9 10 11 12 13 14
A B C D E F G H I J
VR
CR
VG
CG
VB
CB
LE
DC
MS
TO P1
TO P5
R (V)
G (V)
B (V)
R (C)
G (C)
B (C)
IC3001 TC74AC574F CG BUFFER OF RED
IC3002 TC74AC574F CG BUFFER OF GREEN
IC3003 TC74AC574F CG BUFFER OF BLUE
IC3004 SN74AS885NT MIN LEVEL COMPARATER OF RED
IC3005 SN74AS885NT MIN LEVEL COMPARATER OF GREEN
IC3006 SN74AS885NT MIN LEVEL COMPARATER OF BLUE
IC3007 SN74AS885NT MAX LEVEL COMPARATER OF RED
IC3008 SN74AS885NT MAX LEVEL COMPARATER OF GREEN
IC3009 SN74AS885NT MAX LEVEL COMPARATER OF BLUE
IC3010 IDT74FCT821ASO CG SELECTOR OF RED
IC3011 IDT74FCT821ASO CG SELECTOR OF GREEN
IC3012 IDT74FCT821ASO CG SELECTOR OF BLUE
IC3013 IDT74FCT821ASO VIDEO BUFFER OF RED
IC3014 IDT74FCT821ASO VIDEO BUFFER OF GREEN
IC3015 IDT74FCT821ASO VIDEO BUFFER OF BLUE
IC3016 IDT74FCT821ASO VIDEO SELECTOR OF RED
IC3017 IDT74FCT821ASO VIDEO SELECTOR OF GREEN
IC3018 IDT74FCT821ASO VIDEO SELECTOR OF BLUE
IC3025 (1/2) SN74AS30NS MIX LEVEL DETECTOR
IC3026 (1/3) SN74AS74AN MODE SELECT
IC3027 (1/6) TC74HC04AF BUFFER
IC3055 (1/8) TC74AC541F CLOCK BUFFER
IC3055 (2/8) TC74AC541F CLOCK BUFFER
WR10 TO P8
WR 7O P7
WG10 TO P8
WG TO P7
WB10 TO P8
WB TO P7
LM18 TO P3. P10
MUTE TO P4
R3230 0 :CHIP
R3231 0 :CHIP
MIX-P2
(MIX.GAMMA.COLOR MATRIX)
B-SS7628<WW.>-MIX-P2


1 2 3 4 5 6 7 8 9 10 11 12 13
A B C D E F G H I J
HD
VD
2HD
TO P1
IC3027 (2/6) TC74HC04AF INV.
IC3056 (1/3) TC74HC74AF ODD/EVEN DETECTO
IC3056 (2/3) TC74HC74AF ODD/EVEN DETECTO
3056
IC3057 TC74HC161AF WE OSC OF MONITO
3057
WE TO P6
IC3027 (3/6) TC74HC04AF INV.
IC3028 (1/3) TC74AC74F 2HD LD PULSE OSC
IC3028 (2/3) TC74AC74F 2HD LD PULSE OSC
3028
IC3029 (1/4) TC74AC00F LD PULSE GEN
LM2H TO P3. P10
IC3040 (1/5) TC74AC02F INVERTER
IC3040 (2/5) TC74AC02F 64X3 LD
IC3040 (3/5) TC74AC02F INVERTER
IC3036 TC74AC161F H.START POSITION COUNTER
3036
IC3037 TC74AC161F H.START POSITION COUNTER
3037
IC3038 TC74AC161F 64 CLOCK COUNTER
3038
IC3039 TC74AC161F 64 CLOCK COUNTER
3039
IC3041 TC74AC161F 64X3 CLOCK COUNTER
3041
IC3042 (1/3) TC74AC74F 1 CLOCK DELAY
3042
IC3043 TC74AC138F BRG START POSITION SELECTOR
3043
TO P5 V
TO P1 NFO
IC3027 (4/6) TC74HC04AF INV.
IC3027 (5/6) TC74HC04AF INV.
IC3051 0.1 25V F CHIP
IC3048 (4/4) TC74AC08F BUFFER
TO P3. P10 LM2H
TO P6 RCO
IC3042 (2/3) TC74AC74F WRITE RESET OSC
IC3040 (4/5) TC74AC02F OFOXVO
3042
IC3044 TC74AC161F OFO RE OSC
3044
IC3045 TC74AC161F BLUE RE OSC
3045
IC3046 TC74AC161F RED RE OSC
3046
IC3047 TC74AC161F GREEN RE OSC
3047
IC3048 (1/4) TC74AC08F OFO RE MIX
IC3048 (2/4) TC74AC08F OFO RE MIX
IC3048 (3/4) TC74AC08F OFO RE MIX
TO P4. P7 RSTW
TO P2. P10 LM18
TO P7 WCLK
IC3055 (4/8) TC74AC541F CLOCK BUFFER
IC3055 (5/8) TC74AC541F CLOCK BUFFER
IC3055 (3/8) TC74AC541F CLOCK BUFFER
TO P1 1820FH
AAAA
RE (0. . 2)
TO P4
IC3026 (2/3) SN74AS74AN
IC3025 (2/2) SN74AS30NS
IC3026 (3/3) SN74AS74AN
IC3028 (3/3) TC74AC74F 2HD LD PULSE OSC
IC3029 (3/4) TC74AC00F
IC3029 (4/4) TC74AC00F
IC3029 (2/4) TC74AC00F
IC3040 (5/5) TC74AC02F
IC3042 (3/3) TC74AC74F
IC3055 (8/8) TC74AC541F CLOCK BUFFER
IC3056 (3/3) TC74HC74AF ODD/EVEN DETECTO
IC3027 (6/6) TC74HC04AF BUFFER
3026
3025
3040
3055
3056
MIX-P3
(MIX.GAMMA.COLOR MATRIX)
B-SS7628<WW.>-MIX-P3

• MIX-P3 BOARD WAVEFORMS

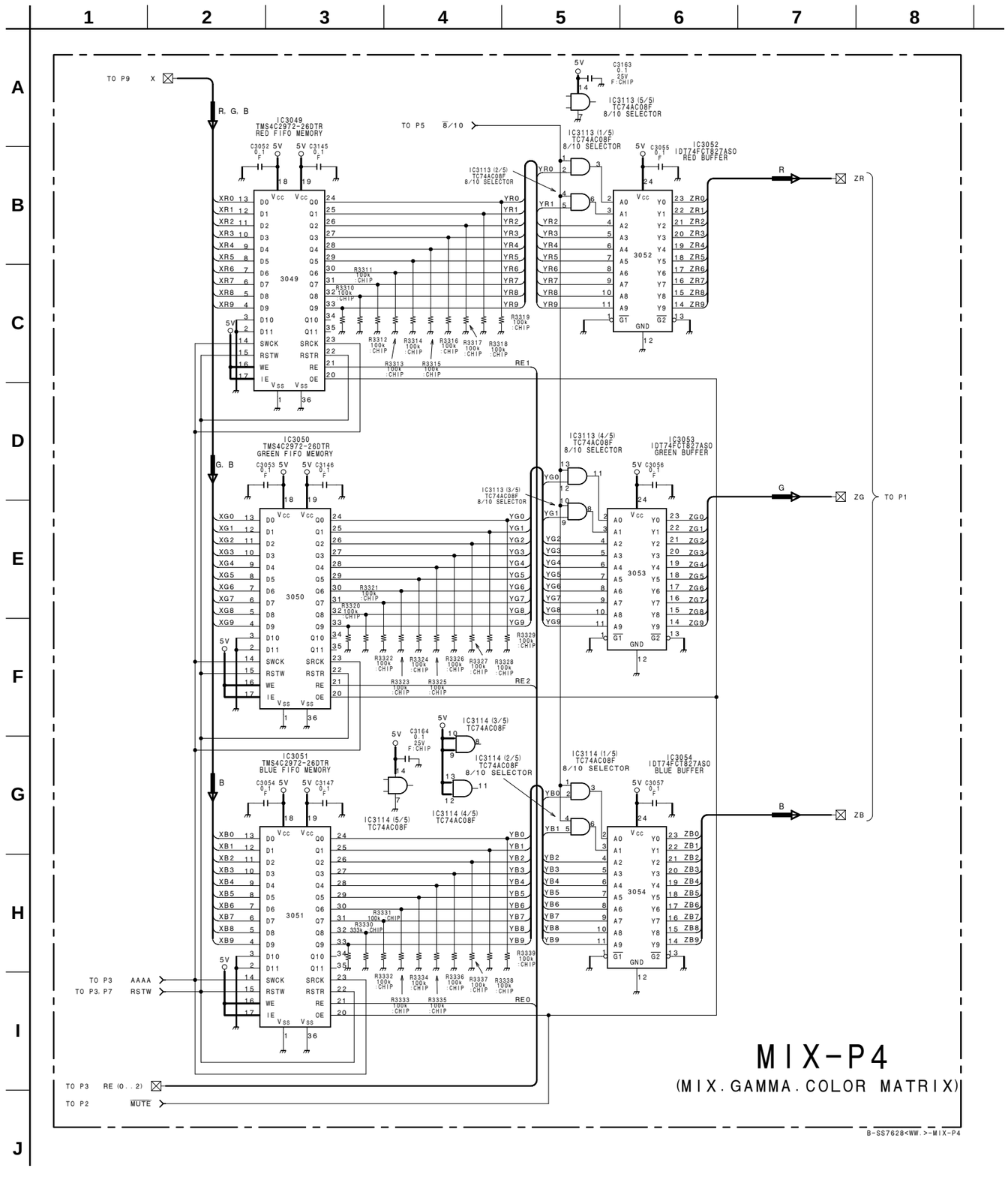
① 4.8 Vp-p (H)

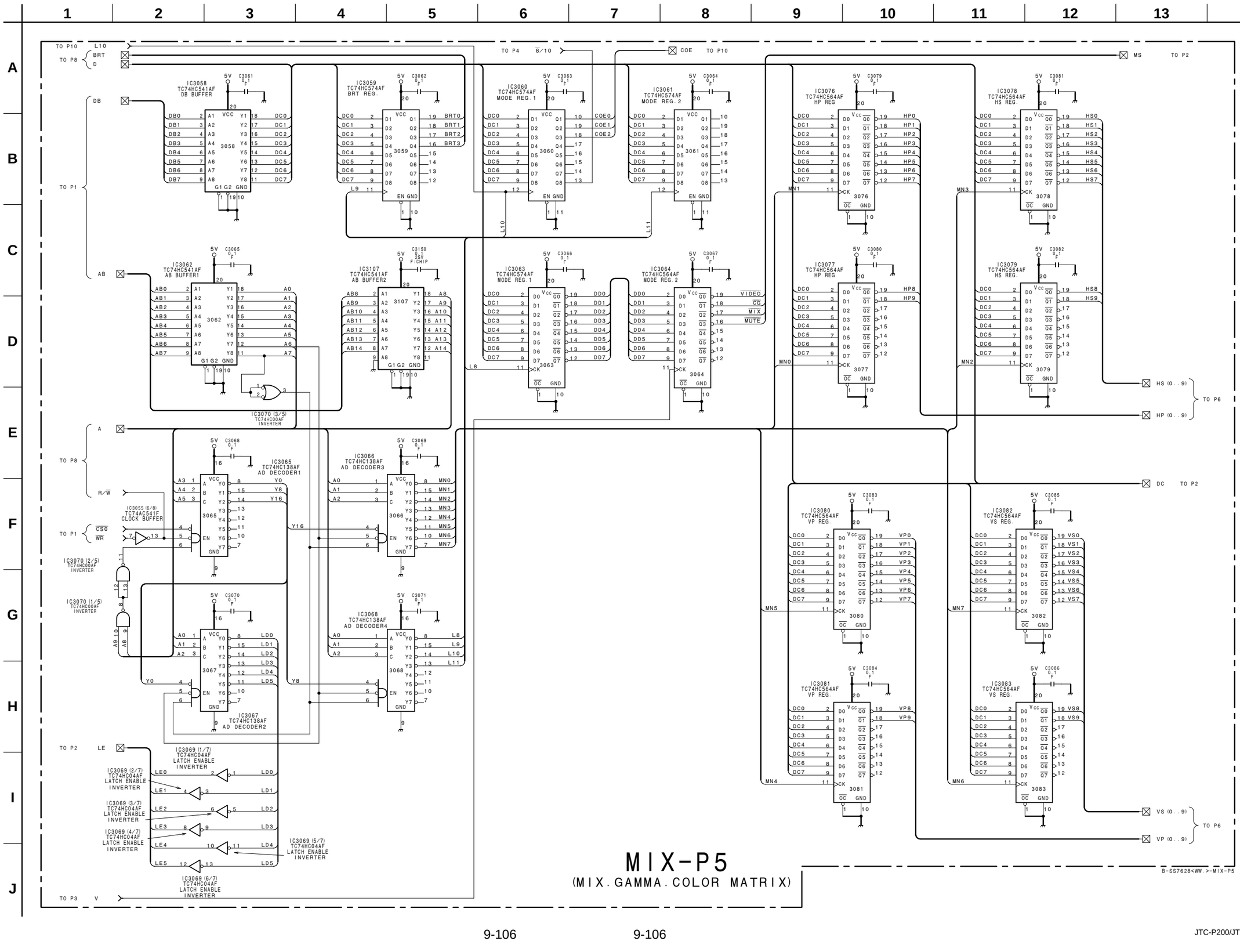
② 4.8 Vp-p (V)

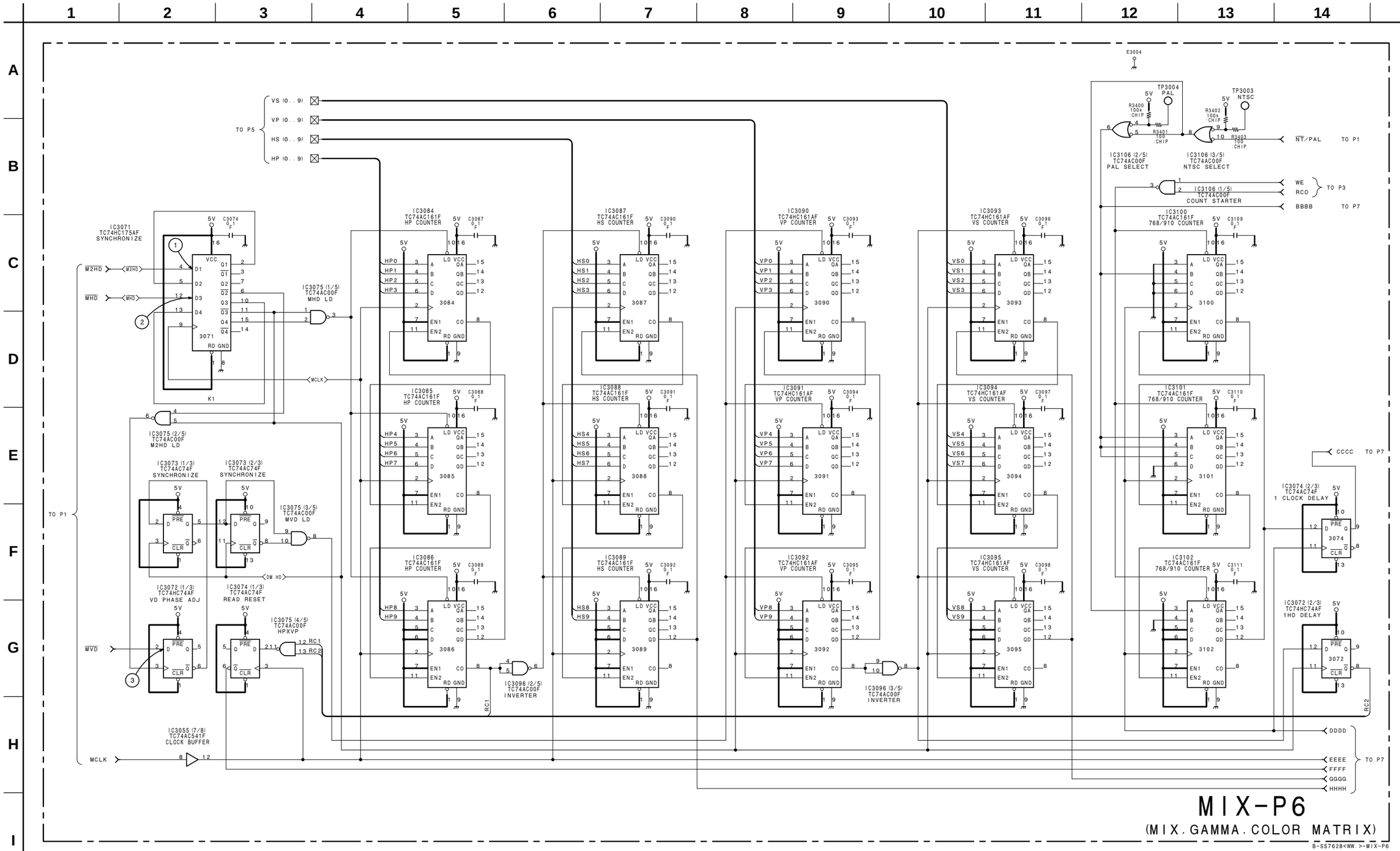
③ 4.8 Vp-p (H)

④ S

4.8 Vp-p (34.8 nsec)


1 2 3 4 5 6 7 8
A B C D E F G H I J
TO P9 X
R. G. B
IC3049 TMS4C2972-26DTR RED FIFO MEMORY
IC3050 TMS4C2972-26DTR GREEN FIFO MEMORY
IC3051 TMS4C2972-26DTR BLUE FIFO MEMORY
TO P5 8/10
IC3113 (1/5) TC74AC08F 8/10 SELECTOR
IC3113 (2/5) TC74AC08F 8/10 SELECTOR
IC3113 (3/5) TC74AC08F 8/10 SELECTOR
IC3113 (4/5) TC74AC08F 8/10 SELECTOR
IC3113 (5/5) TC74AC08F 8/10 SELECTOR
IC3114 (1/5) TC74AC08F 8/10 SELECTOR
IC3114 (2/5) TC74AC08F 8/10 SELECTOR
IC3114 (3/5) TC74AC08F
IC3114 (4/5) TC74AC08F
IC3114 (5/5) TC74AC08F
IC3052 IDT74FCT827ASO RED BUFFER
IC3053 IDT74FCT827ASO GREEN BUFFER
IC3054 IDT74FCT827ASO BLUE BUFFER
R ZR
G ZG
B ZB
TO P1
TO P3 AAAA
TO P3. P7 RSTW
TO P3 RE (0 . . 2)
TO P2 MUTE
MIX-P4
(MIX.GAMMA.COLOR MATRIX)
B-SS7628<WW.>-MIX-P4


1 2 3 4 5 6 7 8 9 10 11 12 13 14
A B C D E F G H I J
TO P10 L10
TO P8 BRT
D
DB
TO P1
AB
A
TO P8
R/W
TO P1 CS0
WR
TO P2 LE
TO P3 V
TO P4 8/10
COE
TO P10
MS
TO P2
DC
TO P2
VS (0..9)
VP (0..9)
TO P6
HS (0..9)
HP (0..9)
TO P6
IC3058 TC74HC541AF DB BUFFER
IC3059 TC74HC574AF BRT REG.
IC3060 TC74HC574AF MODE REG.1
IC3061 TC74HC574AF MODE REG.2
IC3062 TC74HC541AF AB BUFFER1
IC3107 TC74HC541AF AB BUFFER2
IC3063 TC74HC574AF MODE REG.1
IC3064 TC74HC564AF MODE REG.2
IC3065 TC74HC138AF AD DECODER1
IC3066 TC74HC138AF AD DECODER3
IC3067 TC74HC138AF AD DECODER2
IC3068 TC74HC138AF AD DECODER4
IC3076 TC74HC564AF HP REG.
IC3078 TC74HC564AF HS REG.
IC3077 TC74HC564AF HP REG.
IC3079 TC74HC564AF HS REG.
IC3080 TC74HC564AF VP REG.
IC3082 TC74HC564AF VS REG.
IC3081 TC74HC564AF VP REG.
IC3083 TC74HC564AF VS REG.
IC3055 (6/8) TC74AC541F CLOCK BUFFER
IC3070 (3/5) TC74HC00AF INVERTER
IC3070 (2/5) TC74HC00AF INVERTER
IC3070 (1/5) TC74HC00AF INVERTER
IC3069 (1/7) TC74HC04AF LATCH ENABLE INVERTER
IC3069 (2/7) TC74HC04AF LATCH ENABLE INVERTER
IC3069 (3/7) TC74HC04AF LATCH ENABLE INVERTER
IC3069 (4/7) TC74HC04AF LATCH ENABLE INVERTER
IC3069 (5/7) TC74HC04AF LATCH ENABLE INVERTER
IC3069 (6/7) TC74HC04AF LATCH ENABLE INVERTER
MIX-P5
(MIX.GAMMA.COLOR MATRIX)
B-SS7628<WW.>-MIX-P5


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I
TO P5
VS (0..9)
VP (0..9)
HS (0..9)
HP (0..9)
IC3071 TC74HC175AF SYNCHRONIZE
M2HD
MHD
K1
IC3075 (1/5) TC74AC00F MHD LD
MCLK
IC3075 (2/5) TC74AC00F M2HD LD
IC3073 (1/3) TC74AC74F SYNCHRONIZE
IC3073 (2/3) TC74AC74F SYNCHRONIZE
IC3075 (3/5) TC74AC00F MVD LD
DM HD
IC3072 (1/3) TC74HC74AF VD PHASE ADJ
IC3074 (1/3) TC74AC74F READ RESET
IC3075 (4/5) TC74AC00F HPXVP
MVD
IC3055 (7/8) TC74AC541F CLOCK BUFFER
IC3084 TC74AC161F HP COUNTER
IC3085 TC74AC161F HP COUNTER
IC3086 TC74AC161F HP COUNTER
IC3087 TC74AC161F HS COUNTER
IC3088 TC74AC161F HS COUNTER
IC3089 TC74AC161F HS COUNTER
IC3096 (2/5) TC74AC00F INVERTER
RC1
IC3090 TC74HC161AF VP COUNTER
IC3091 TC74HC161AF VP COUNTER
IC3092 TC74HC161AF VP COUNTER
IC3096 (3/5) TC74AC00F INVERTER
IC3093 TC74HC161AF VS COUNTER
IC3094 TC74HC161AF VS COUNTER
IC3095 TC74HC161AF VS COUNTER
E3004
TP3004 PAL
TP3003 NTSC
R3400 100x CHIP
R3401 100 CHIP
R3402 100x CHIP
R3403 100 CHIP
NT/PAL
TO P1
IC3106 (2/5) TC74AC00F PAL SELECT
IC3106 (3/5) TC74AC00F NTSC SELECT
IC3106 (1/5) TC74AC00F COUNT STARTER
WE
RCO
TO P3
BBBB
TO P7
IC3100 TC74AC161F 768/910 COUNTER
IC3101 TC74AC161F 768/910 COUNTER
IC3102 TC74AC161F 768/910 COUNTER
CCCC
IC3074 (2/3) TC74AC74F 1 CLOCK DELAY
IC3072 (2/3) TC74HC74AF 1HD DELAY
RC2
DDDD
EEEE
FFFF
GGGG
HHHH
TO P7
MIX-P6
(MIX.GAMMA.COLOR MATRIX)
B-SS7628<WW.>-MIX-P6

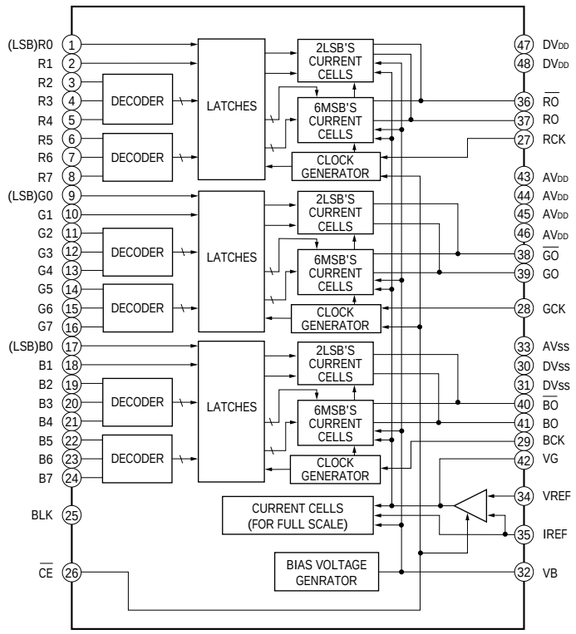
• MIX-P6 BOARD WAVEFORMS

① 4.8 Vp-p (H)

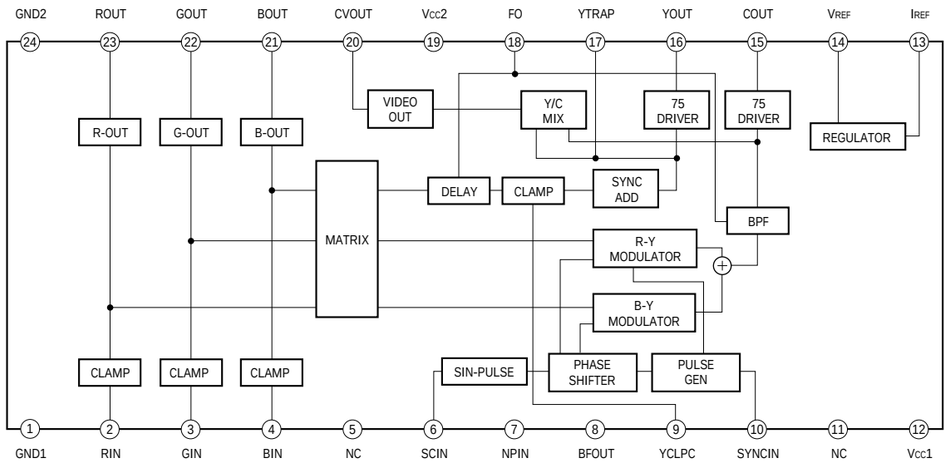
② 4.8 Vp-p (H)

③ 4.8 Vp-p (V)

MIX-P7 BOARD IC3099 CXD1178Q



MIX-P7 BOARD IC3103 CXA1645M

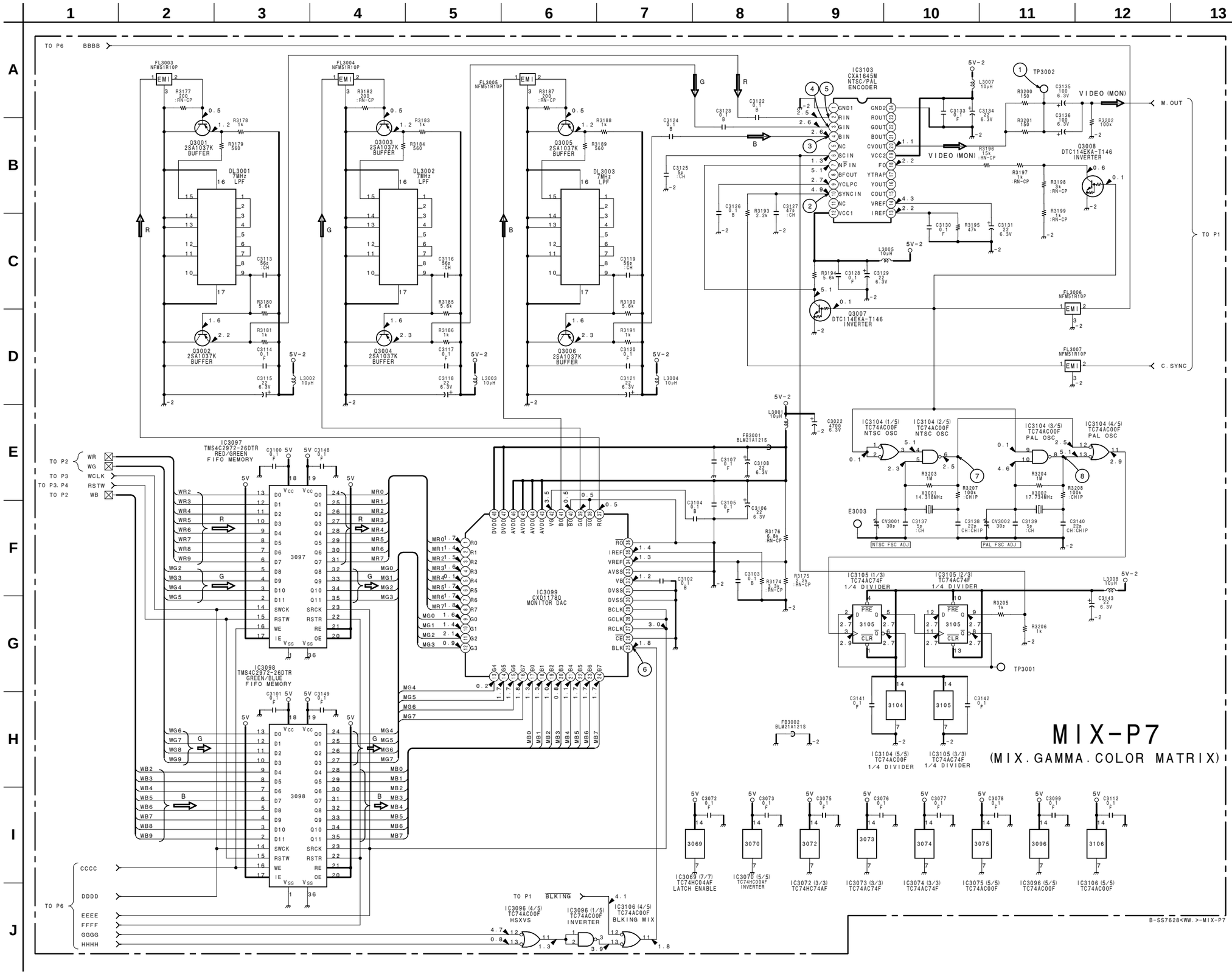


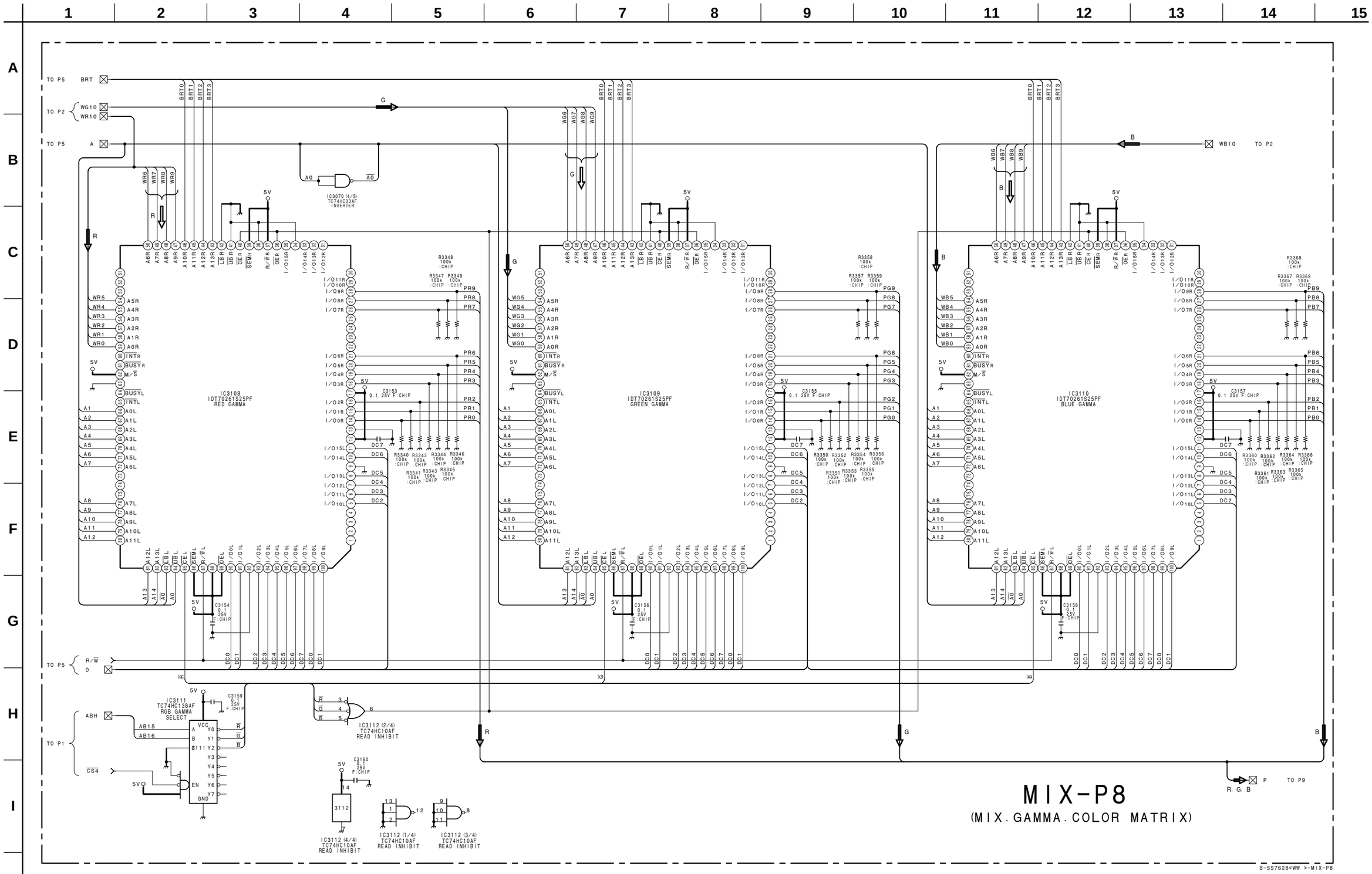
• MIX-P7 BOARD WAVEFORMS

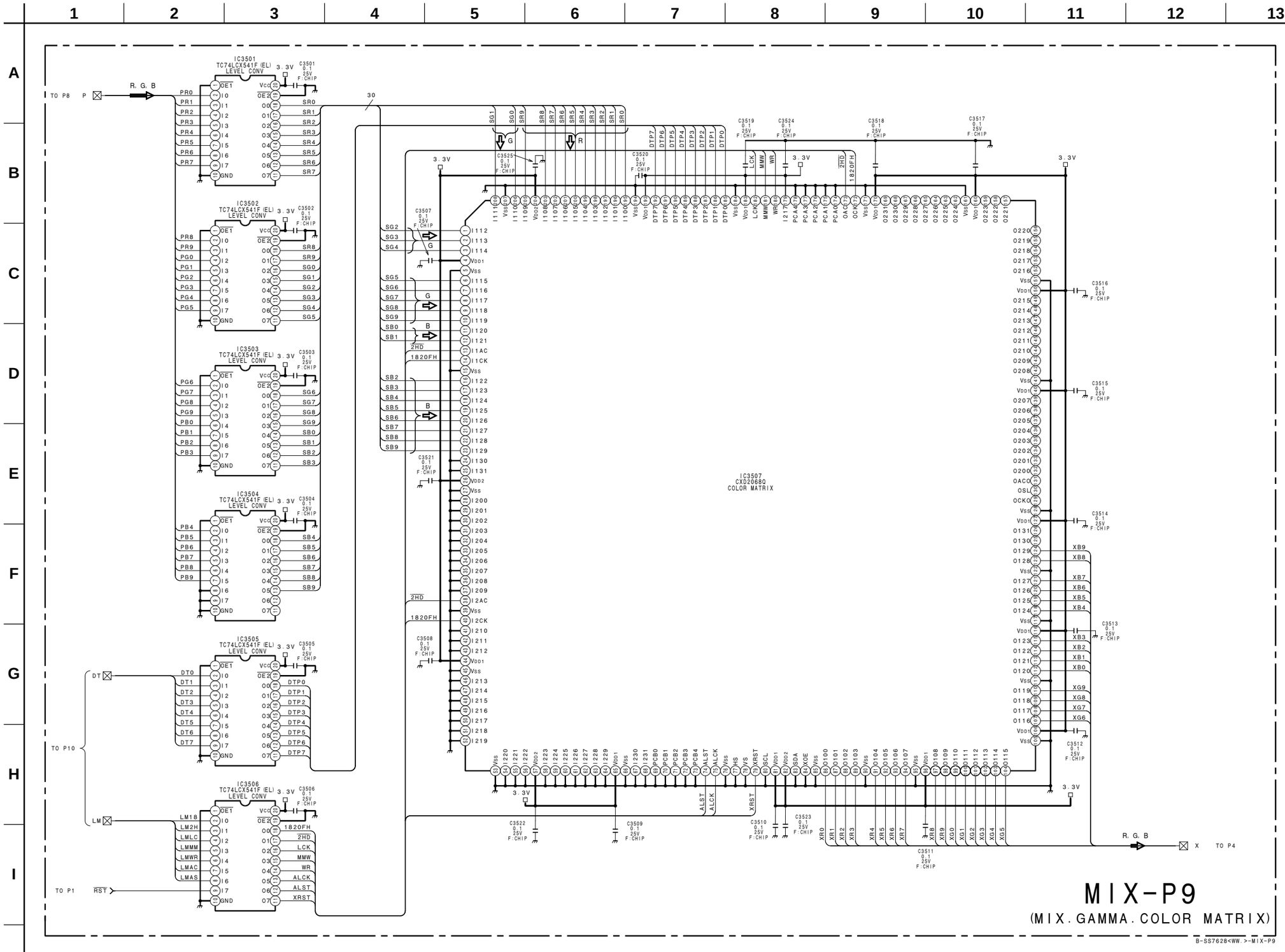
① 1.0 Vp-p (H)	② 4.6 Vp-p (H)
③ 0.7 Vp-p (H)	③ SECAM 0.7 Vp-p (H)
④ 0.7 Vp-p (H)	④ SECAM 0.7 Vp-p (H)
⑤ 0.9 Vp-p (H)	⑤ SECAM 0.7 Vp-p (H)
⑥ 4.7 Vp-p (H)	⑦ 5.0 Vp-p (14.318 MHz)
⑧ 4.8 Vp-p (17.734 MHz)	

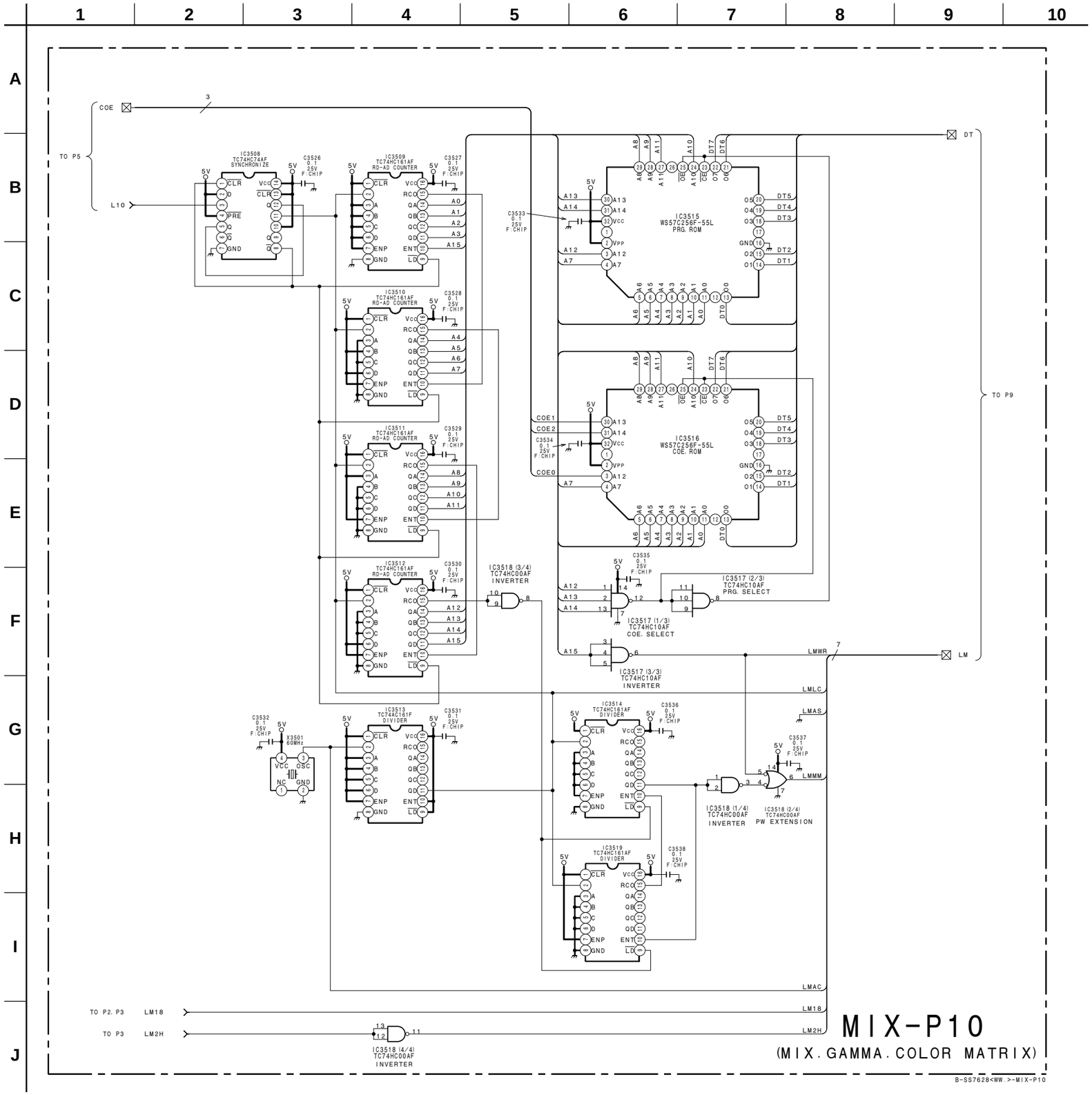
MIX-P7

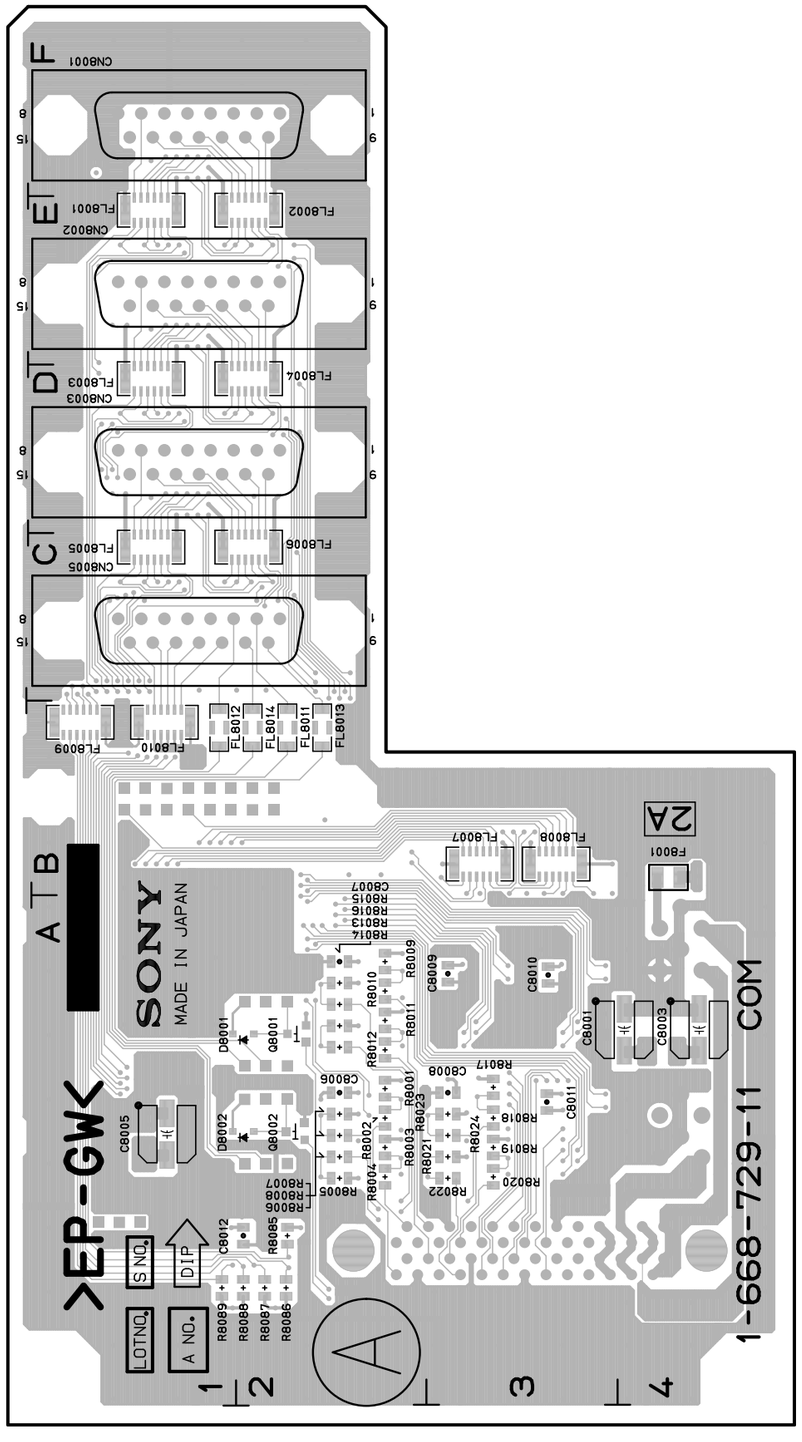
(MIX.GAMMA.COLOR MATRIX)



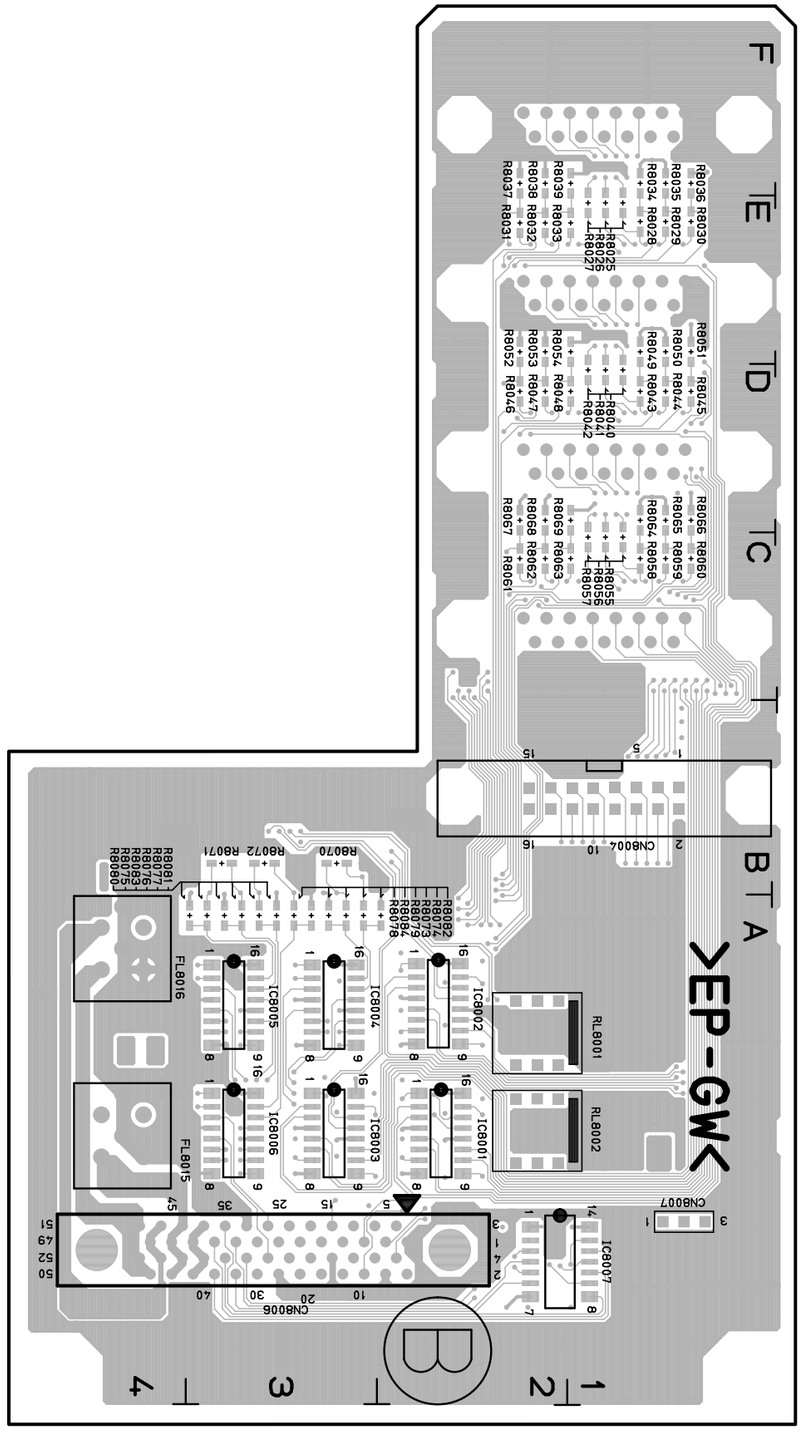

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A B C D E F G H I
TO P5 BRT
TO P2 WG10 WR10
TO P5 A
BRT0 BRT1 BRT2 BRT3
G
R
B
WB10 TO P2
WR6 WR7 WR8 WR9
WG6 WG7 WG8 WG9
WB6 WB7 WB8 WB9
A0
IC3070 (4/5)
TC74HC00AF
INVERTER
5V
IC3108
IDT70261S25PF
RED GAMMA
IC3109
IDT70261S25PF
GREEN GAMMA
IC3110
IDT70261S25PF
BLUE GAMMA
C3153
C3154
C3155
C3156
C3157
C3158
0.1 25V F.CHIP
R3348 R3347 R3349
R3358 R3357 R3359
R3368 R3367 R3369
PR9 PR8 PR7 PR6 PR5 PR4 PR3 PR2 PR1 PR0
PG9 PG8 PG7 PG6 PG5 PG4 PG3 PG2 PG1 PG0
PB9 PB8 PB7 PB6 PB5 PB4 PB3 PB2 PB1 PB0
DC7 DC6 DC5 DC4 DC3 DC2
R3340 R3342 R3344 R3346
R3341 R3343 R3345
R3350 R3352 R3354 R3356
R3351 R3353 R3355
R3360 R3362 R3364 R3366
R3361 R3363 R3365
100k :CHIP
TO P5 R/W D
IC3111
TC74HC138AF
RGB GAMMA
SELECT
C3159
TO P1 ABH AB15 AB16 CS4
IC3112 (2/4)
TC74HC10AF
READ INHIBIT
C3160
IC3112 (4/4)
IC3112 (1/4)
IC3112 (3/4)
R. G. B
TO P9
MIX-P8
(MIX.GAMMA.COLOR MATRIX)
B-SS7628<WW.>-MIX-P8


1 2 3 4 5 6 7 8 9 10 11 12 13
A B C D E F G H I
IC3501 TC74LCX541F (EL) LEVEL CONV
IC3502 TC74LCX541F (EL) LEVEL CONV
IC3503 TC74LCX541F (EL) LEVEL CONV
IC3504 TC74LCX541F (EL) LEVEL CONV
IC3505 TC74LCX541F (EL) LEVEL CONV
IC3506 TC74LCX541F (EL) LEVEL CONV
IC3507 CXD2068Q COLOR MATRIX
3.3V
R. G. B
TO P8
TO P10
TO P1
TO P4
DT
LM
RST
30
2HD
1820FH
MIX-P9
(MIX.GAMMA.COLOR MATRIX)
B-SS7628<WW.>-MIX-P9

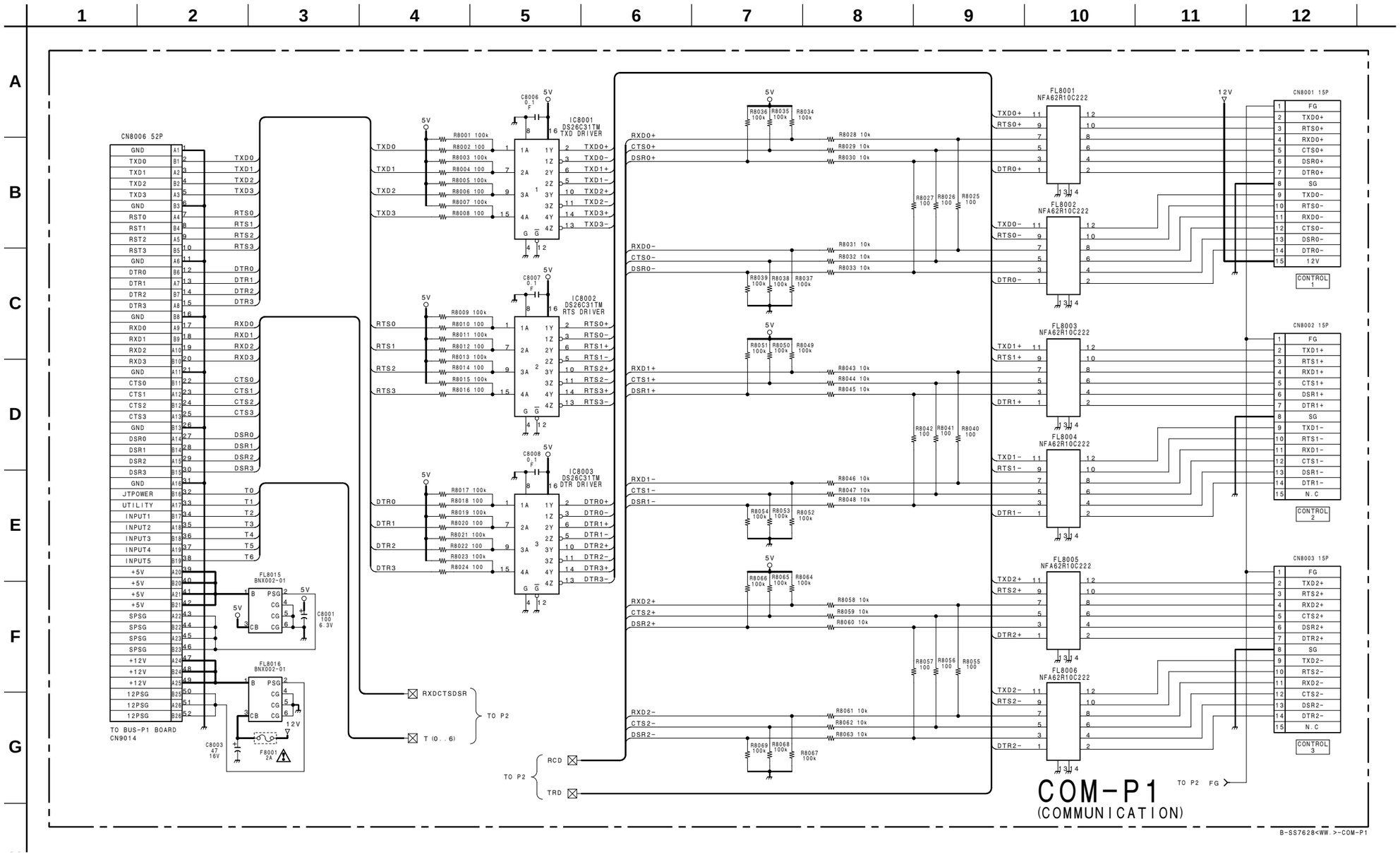

1 2 3 4 5 6 7 8 9 10
A B C D E F G H I J
COE
3
TO P5
L10
IC3508 TC74HC74AF SYNCHRONIZE
IC3509 TC74HC161AF RD-AD COUNTER
IC3510 TC74HC161AF RD-AD COUNTER
IC3511 TC74HC161AF RD-AD COUNTER
IC3512 TC74HC161AF RD-AD COUNTER
IC3513 TC74AC161F DIVIDER
IC3514 TC74HC161AF DIVIDER
IC3519 TC74HC161AF DIVIDER
C3526 0.1 25V F.CHIP
C3527 0.1 25V F.CHIP
C3528 0.1 25V F.CHIP
C3529 0.1 25V F.CHIP
C3530 0.1 25V F.CHIP
C3531 0.1 25V F.CHIP
C3532 0.1 25V F.CHIP
C3533 0.1 25V F.CHIP
C3534 0.1 25V F.CHIP
C3535 0.1 25V F.CHIP
C3536 0.1 25V F.CHIP
C3537 0.1 25V F.CHIP
C3538 0.1 25V F.CHIP
X3501 60MHz
IC3515 WS57C256F-55L PRG. ROM
IC3516 WS57C256F-55L COE. ROM
DT
TO P9
COE1
COE2
COE0
IC3518 (3/4) TC74HC00AF INVERTER
IC3518 (1/4) TC74HC00AF INVERTER
IC3518 (2/4) TC74HC00AF PW EXTENSION
IC3518 (4/4) TC74HC00AF INVERTER
IC3517 (2/3) TC74HC10AF PRG. SELECT
IC3517 (1/3) TC74HC10AF COE. SELECT
IC3517 (3/3) TC74HC10AF INVERTER
LMWR
LM
LMLC
LMAS
LMMM
LMAC
LM18
LM2H
TO P2, P3 LM18
TO P3 LM2H
MIX-P10
(MIX.GAMMA.COLOR MATRIX)
B-SS7628<WW.>-MIX-P10

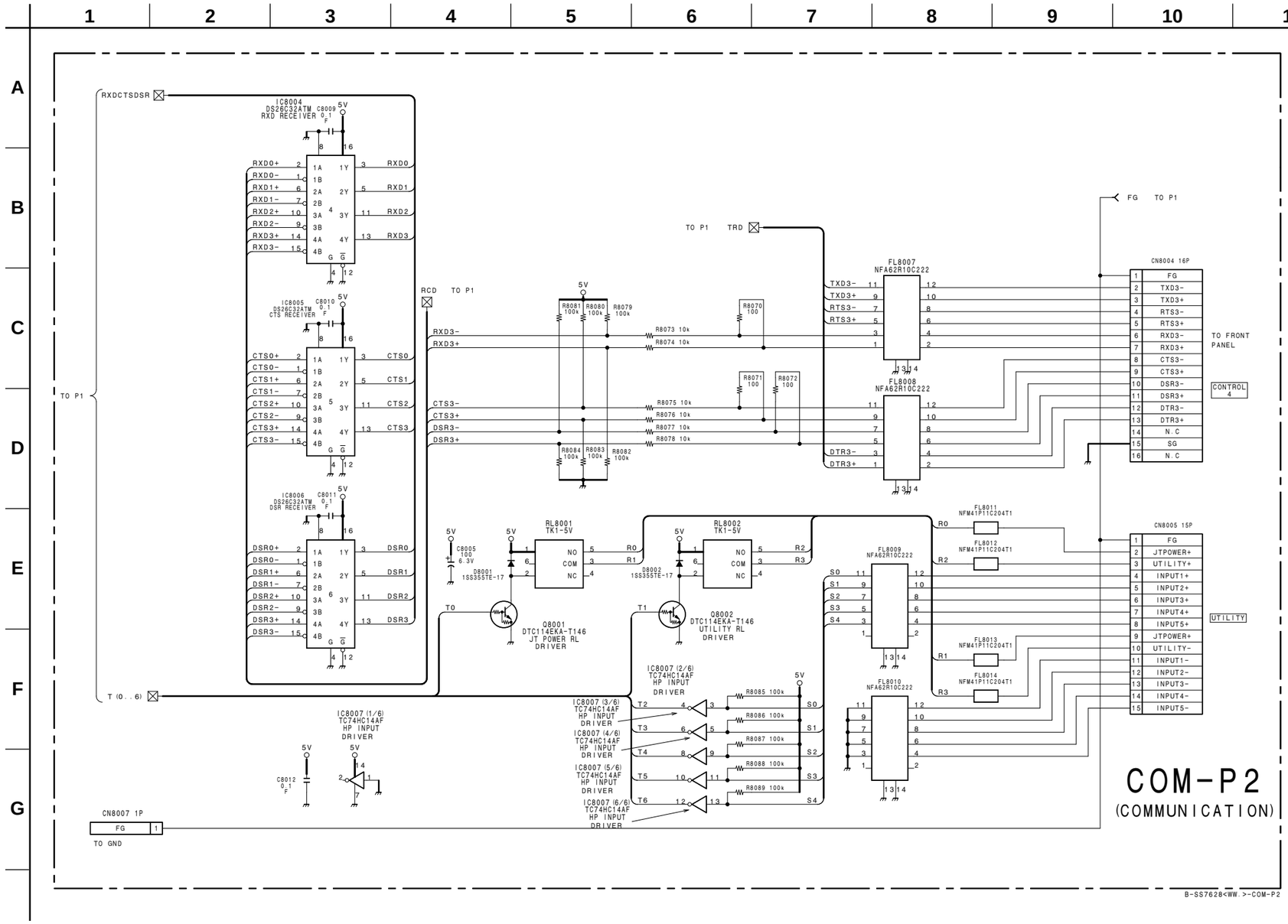


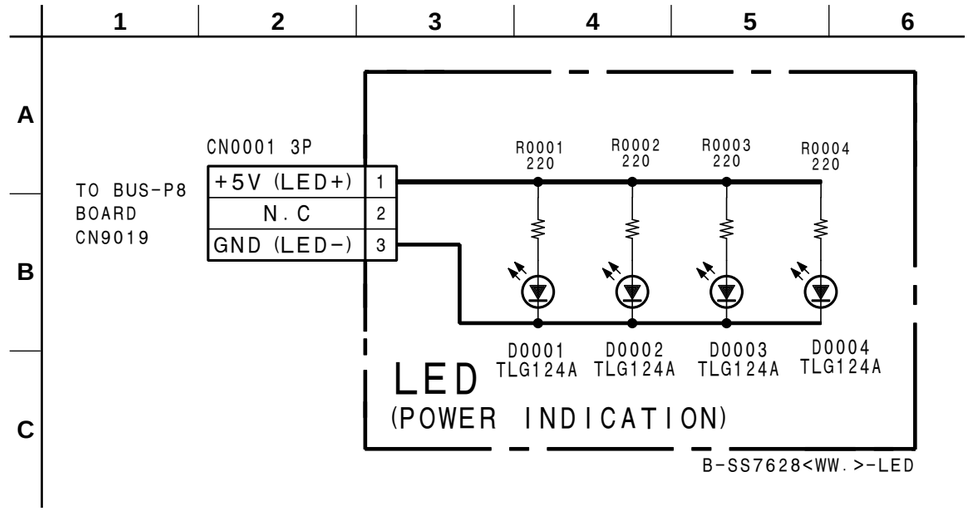
COM– A SIDE –
SUFFIX: -11

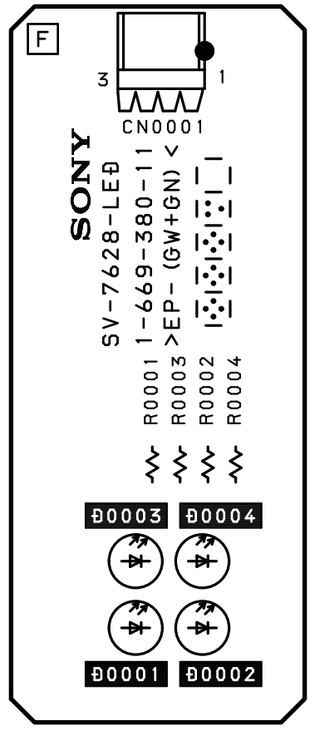


COM– B SIDE –
SUFFIX: -11

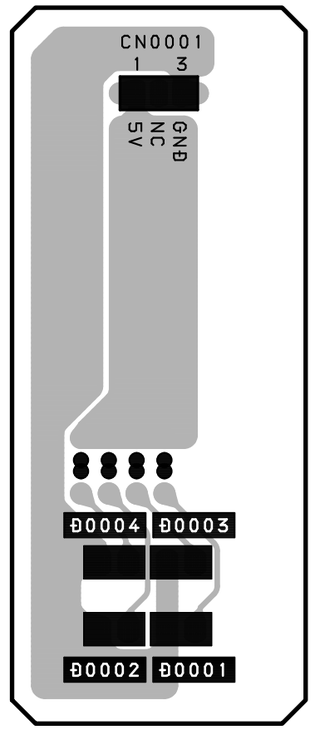

COM-P1
(COMMUNICATION)
B-SS7628<WW.>-COM-P1
CN8006 52P
TO BUS-P1 BOARD CN9014
IC8001 DS26C31TM TXD DRIVER
IC8002 DS26C31TM RTS DRIVER
IC8003 DS26C31TM DTR DRIVER
FL8001 NFA62R10C222
FL8002 NFA62R10C222
FL8003 NFA62R10C222
FL8004 NFA62R10C222
FL8005 NFA62R10C222
FL8006 NFA62R10C222
FL8015 BNX002-01
FL8016 BNX002-01
CN8001 15P
CN8002 15P
CN8003 15P
CONTROL 1
CONTROL 2
CONTROL 3
RXDCTSDSR
T (0..6)
RCD
TRD
TO P2
FG
5V
12V


1 2 3 4 5 6 7 8 9 10 11
A B C D E F G
RXDCTSDSR
TO P1
IC8004 DS26C32ATM RXD RECEIVER
C8009 0.1 F
RXD0+ RXD0- RXD1+ RXD1- RXD2+ RXD2- RXD3+ RXD3-
RXD0 RXD1 RXD2 RXD3
IC8005 DS26C32ATM CTS RECEIVER
C8010 0.1 F
CTS0+ CTS0- CTS1+ CTS1- CTS2+ CTS2- CTS3+ CTS3-
CTS0 CTS1 CTS2 CTS3
IC8006 DS26C32ATM DSR RECEIVER
C8011 0.1 F
DSR0+ DSR0- DSR1+ DSR1- DSR2+ DSR2- DSR3+ DSR3-
DSR0 DSR1 DSR2 DSR3
5V
RCD TO P1
TO P1 TRD
R8081 100k R8080 100k R8079 100k
R8084 100k R8083 100k R8082 100k
R8073 10k R8074 10k R8075 10k R8076 10k R8077 10k R8078 10k
R8070 100 R8071 100 R8072 100
RXD3- RXD3+ CTS3- CTS3+ DSR3- DSR3+
FL8007 NFA62R10C222
FL8008 NFA62R10C222
TXD3- TXD3+ RTS3- RTS3+ DTR3- DTR3+
FG TO P1
CN8004 16P
1 FG
2 TXD3-
3 TXD3+
4 RTS3-
5 RTS3+
6 RXD3-
7 RXD3+
8 CTS3-
9 CTS3+
10 DSR3-
11 DSR3+
12 DTR3-
13 DTR3+
14 N.C
15 SG
16 N.C
TO FRONT PANEL
CONTROL 4
RL8001 TK1-5V
RL8002 TK1-5V
C8005 100 6.3V
D8001 1SS355TE-17
D8002 1SS355TE-17
R0 R1 R2 R3
Q8001 DTC114EKA-T146 JT POWER RL DRIVER
Q8002 DTC114EKA-T146 UTILITY RL DRIVER
T0 T1
FL8011 NFM41P11C204T1
FL8012 NFM41P11C204T1
FL8013 NFM41P11C204T1
FL8014 NFM41P11C204T1
FL8009 NFA62R10C222
FL8010 NFA62R10C222
S0 S1 S2 S3 S4
CN8005 15P
1 FG
2 JTPOWER+
3 UTILITY+
4 INPUT1+
5 INPUT2+
6 INPUT3+
7 INPUT4+
8 INPUT5+
9 JTPOWER+
10 UTILITY-
11 INPUT1-
12 INPUT2-
13 INPUT3-
14 INPUT4-
15 INPUT5-
UTILITY
T (0..6)
IC8007 (1/6) TC74HC14AF HP INPUT DRIVER
IC8007 (2/6) TC74HC14AF HP INPUT DRIVER
IC8007 (3/6) TC74HC14AF HP INPUT DRIVER
IC8007 (4/6) TC74HC14AF HP INPUT DRIVER
IC8007 (5/6) TC74HC14AF HP INPUT DRIVER
IC8007 (6/6) TC74HC14AF HP INPUT DRIVER
C8012 0.1 F
R8085 100k R8086 100k R8087 100k R8088 100k R8089 100k
CN8007 1P
FG 1
TO GND
COM-P2
(COMMUNICATION)
B-SS7628<WW.>-COM-P2





LED – A SIDE –
SUFFIX: -11



LED – B SIDE –
SUFFIX: -11

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